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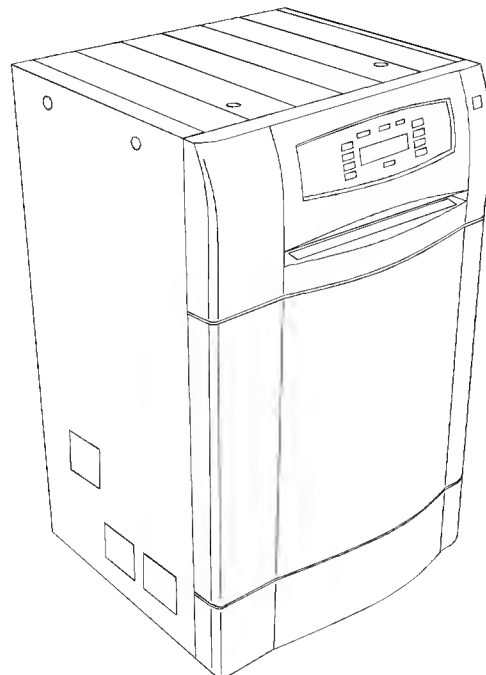
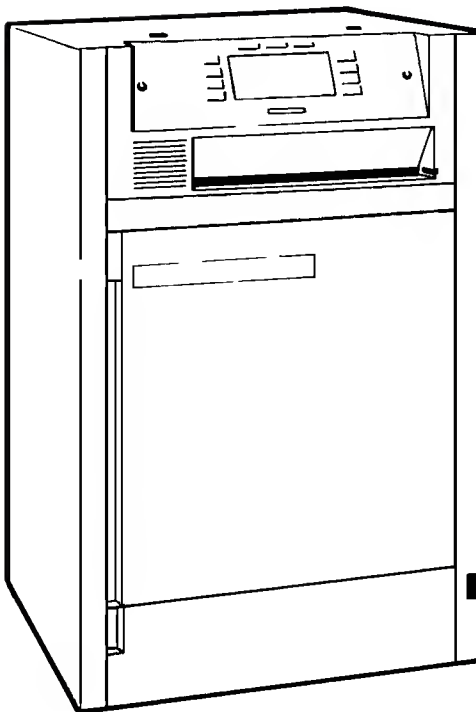
PARTS LIST

FOR THE

Kodak Multiloader 700

AND

Kodak Multiloader 700 Plus



PLEASE NOTE

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CHAPTER	Page
CHAPTER 1	1-1
FRAME	1-1
CHAPTER 2	2-1
CASSETTE TRANSPORT	2-1
CHAPTER 3	3-1
CONVEYOR	3-1
CHAPTER 4	4-1
FILMPOCKET	4-1
CHAPTER 5	5-1
MAGAZINE OPENER	5-1
CHAPTER 6	6-1
PNEUMATIC	6-1
CHAPTER 7	7-1
POWER SUPPLY	7-1
CHAPTER 8	8-1
DRAWER	8-1
CHAPTER 9	9-1
MOTORS	9-1
CHAPTER 10	10-1
PRINTED CIRCUIT BOARDS	10-1
CHAPTER 11	11-1
HUMIDIFIER	11-1
CHAPTER 12	12-1
TUNNEL	12-1
CHAPTER 13	13-1
CASSETTES AND MAGAZINES	13-1
CHAPTER 14	14-1
ADDITIONAL PARTS FOR ML700 PLUS	14-1
CHAPTER 15	15-1
CONNECTORS	15-1
CHAPTER 16	16-1
ALPHABETICAL INDEX	16-1
CHAPTER 17	17-1
NUMERICAL INDEX	17-1

CHAPTER 1

FRAME

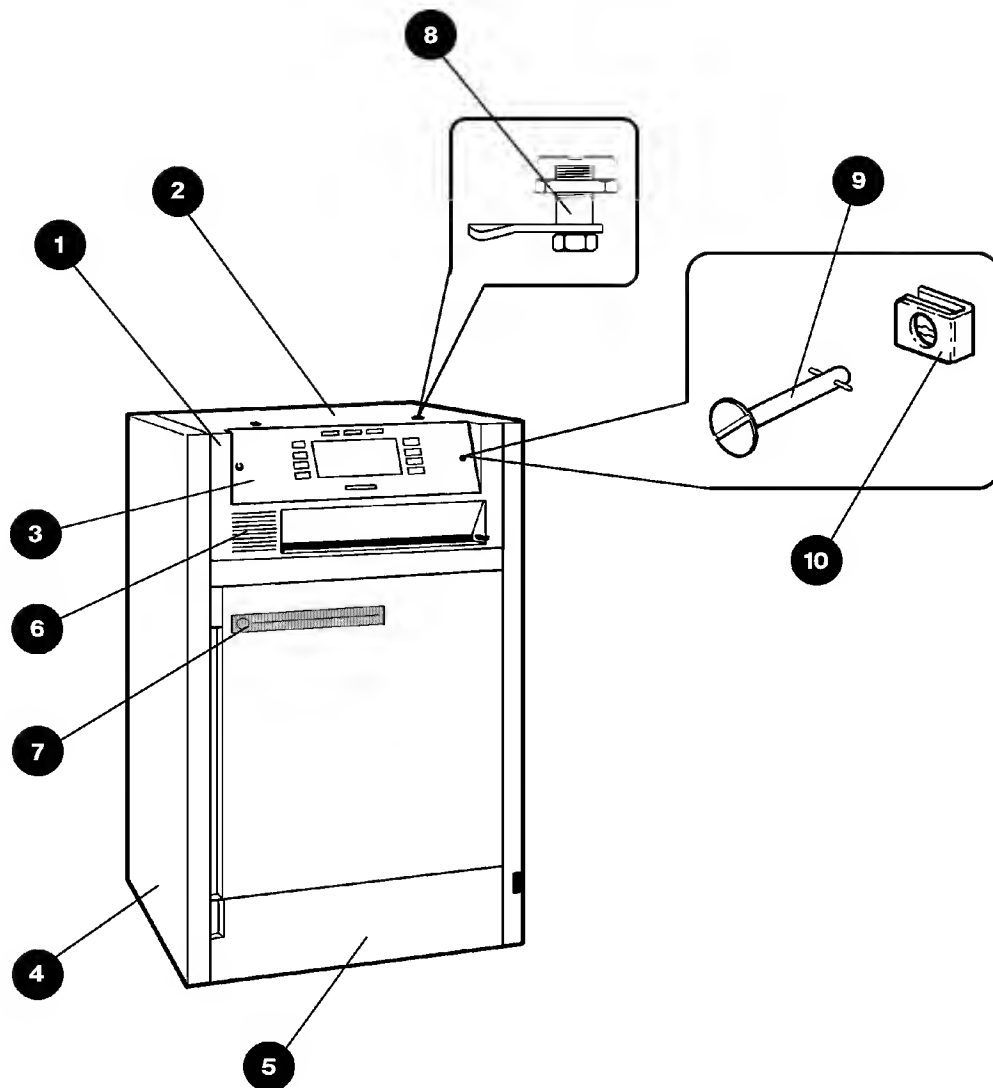


figure 1-1

PARTS LISTING figure 1-1

ITEM No.	PART No.	PART NAME	QUANTITY
Up to SN 2167(50Hz) / 6049(60Hz)			
1	9199666	HOOD	1
2	9197496	TOP COVER	1
3	9199706	KEYBOARD ASSY use 9195606	1
4	9197896	LEFT COVER	1
5	9198876	DRAWER	1
6	9189741	LABEL	1
From SN 2168(50Hz) / 6050(60Hz)			
1	9189666	HOOD	1
2	9187496	TOP COVER	1
3	9199706	KEYBOARD ASSY use 9195606.	1
4	9187896	LEFT COVER	1
5	9188876	DRAWER	1
6	9189741	LABEL	1
7	9189736	NAME PLATE	1
8	9187546	LATCH use 9187542	2

NOTE

If a LATCH has to be installed in a ML700 with SN < 1046 (50 Hz) or SN < 5002 (60 Hz) see installation instructions in ML700 NEWSLETTER 6/89. In this case the additional WASHER 9198981 and the CAP 9198961 are needed.

9	9152806	BOLT use 9152801	2
10	9152341	SPEED NUT	2
11	9198981	WASHER	2
12	9198961	CAP	2

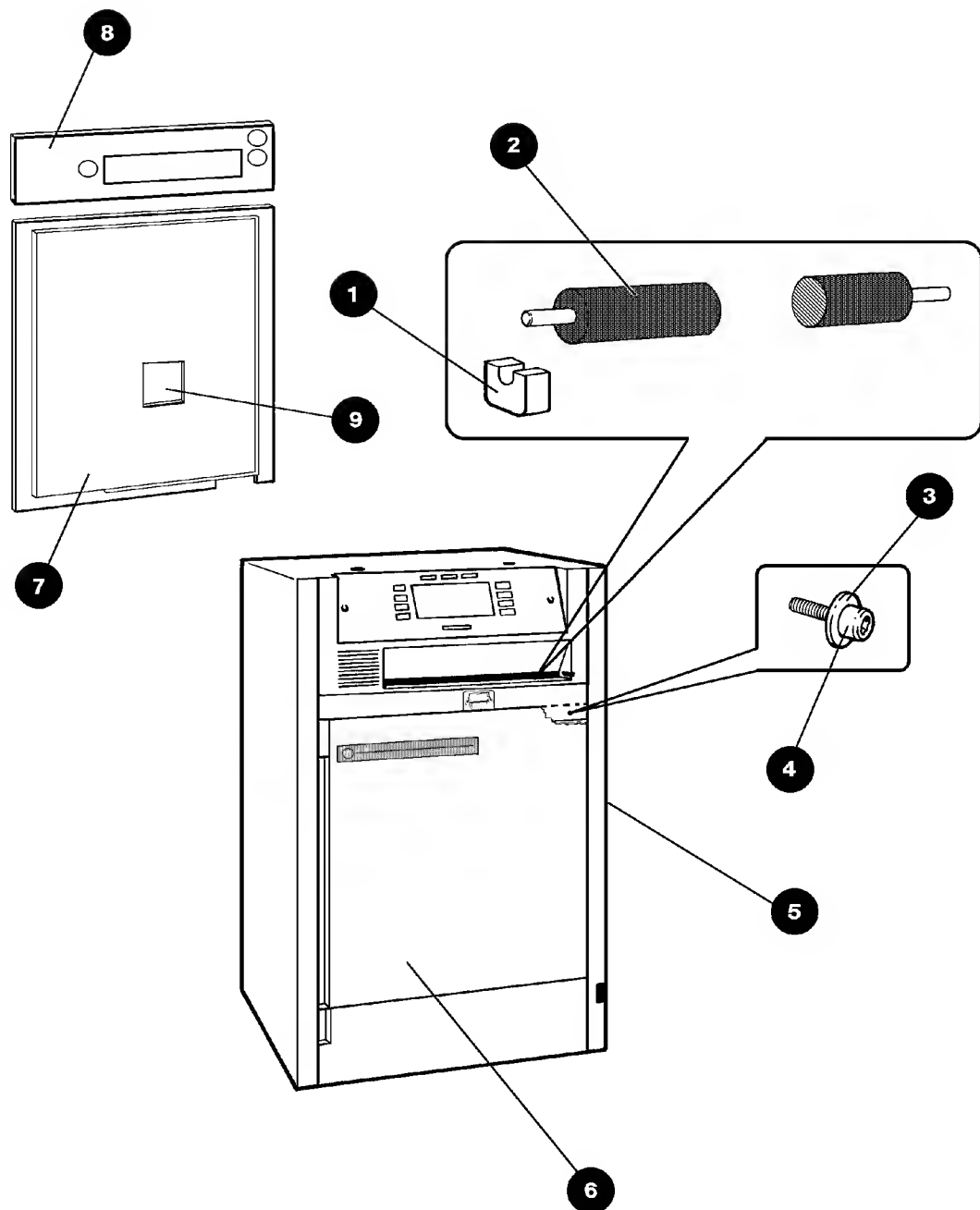


figure 1-2

PARTS LISTING figure 1-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9182856	BEARING	2
2.....	9182926	ROLLER	1
3.....	4480411	WASHER 6.4mm	3
4.....	4282271	SCREW M6X20.....	3
9.....	9182402	HUMIDIFIER COVER PLATE.....	1

Up to SN 2167(50Hz) / 6049(60Hz)

5.....	9197726	RIGHT COVER	1
6.....	9197776	FRONT COVER	1
7.....	9197406	REAR COVER LARGE	1
8.....	9197446	REAR COVER SMALL	1

From SN 2168(50Hz) / 6050(60Hz)

5.....	9187726	RIGHT COVER	1
6.....	9187776	FRONT COVER	1
7.....	9187406	REAR COVER LARGE	1
8.....	9187446	REAR COVER SMALL	1

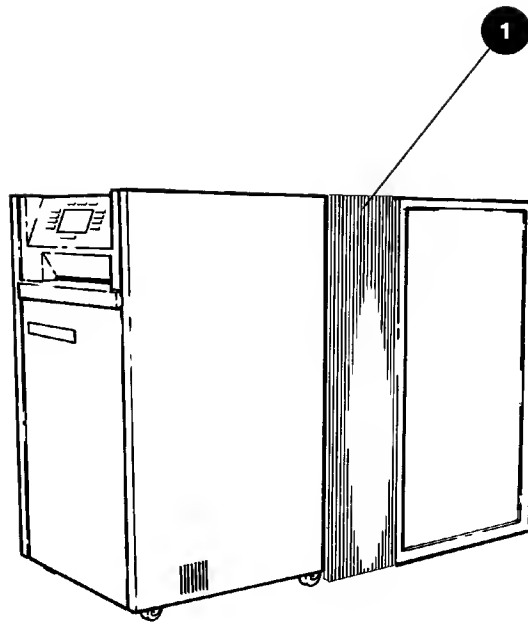


figure 1-3

PARTS LISTING figure 1-3

ITEM No.	PART No.	PART NAME	QUANTITY
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1	9189907	INFILL PANEL right - ML 7 0 0 (M 6)	1
	9189947	INFILL PANEL left - ML 700 (M6)	1

9289926	700Plus-5000RA Lt/Rt INFILL PANEL SET (No single panels)	1
---------	--	---

9189947	700Plus-480RA INFILL PANEL LEFT	1
9189907	700Plus-480RA INFILL PANEL RIGHT	1

9289936	INFILL PANEL REPAIR KIT (Spigots)	1
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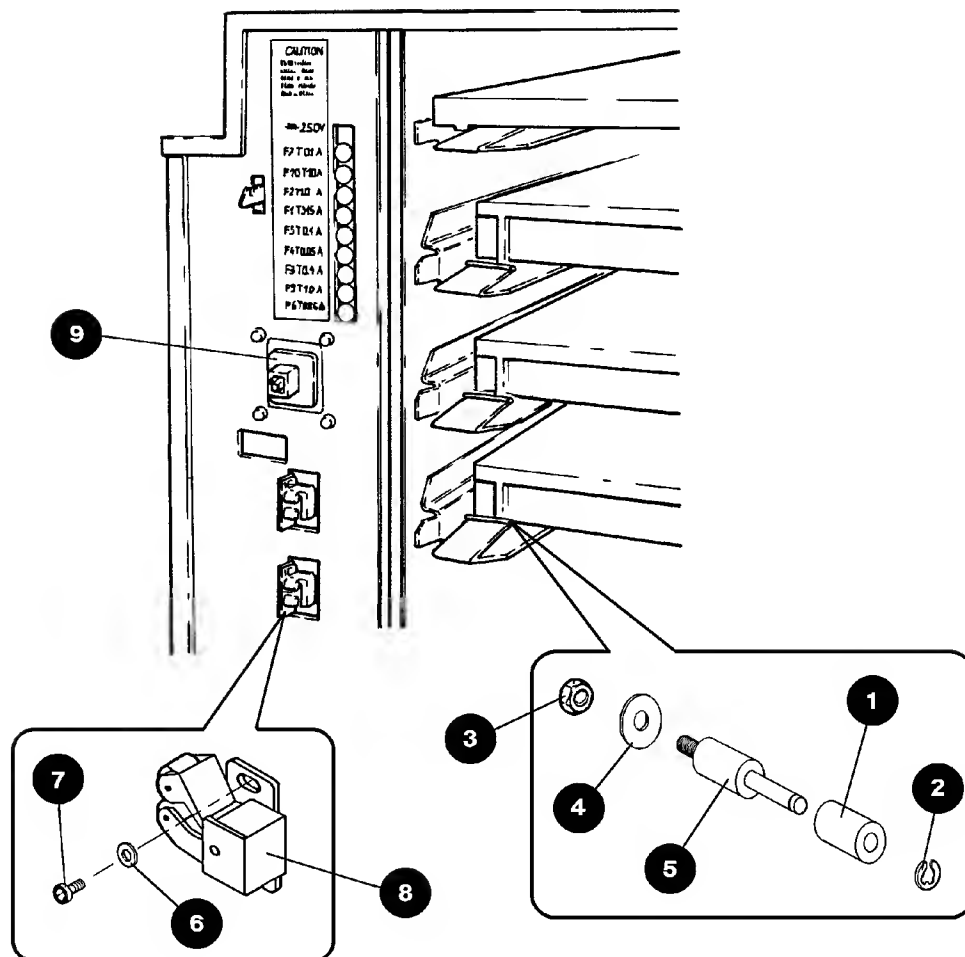


figure 1-4

PARTS LISTING figure 1-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9180526	ROLLER	14
2	4499840	CIRCLIP 4.0mm	14
3	4853036	NUT M5	14
4	4480406	WASHER 5.3mm	14
5	9180511	BOLT	14
6	4470106	WASHER 3.2mm	4
7	4279040	SCREW M3X8	4
8	9186186	LATCH	2
9	9180176	INTERLOCK SWITCH S22	1

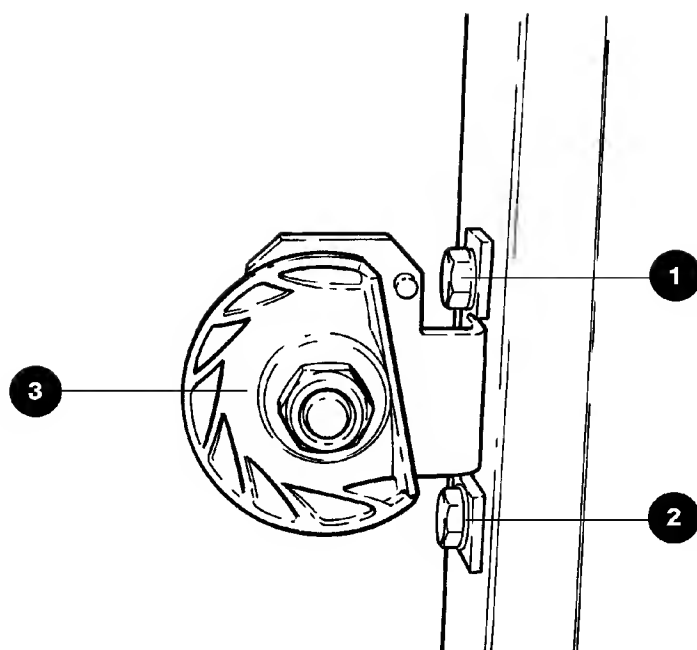


figure 1-5

PARTS LISTING figure 1-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	4282191	SCREW M6X16.....	2
2	4480121	WASHER 6.4mm	2
3	9180316	LATCH.....	2

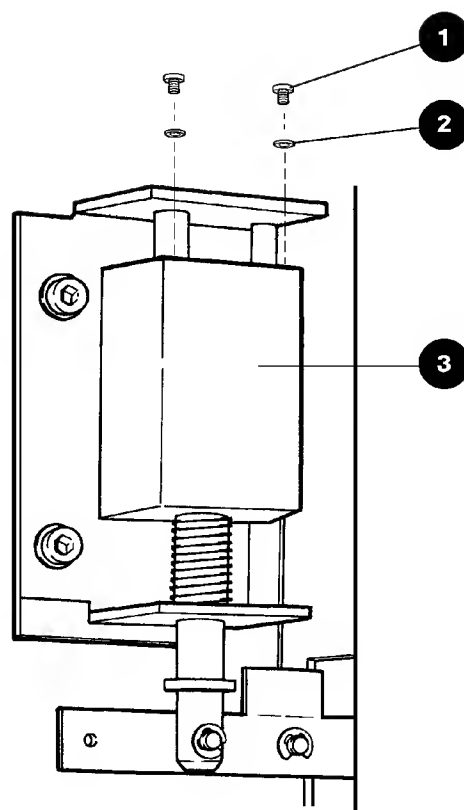


figure 1-6

PARTS LISTING figure 1-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	4279040	SCREW M3X8.....	4
2	4470106	WASHER 3.2mm	4
3	9186156	DOOR SOLENOID ASSY.....	2

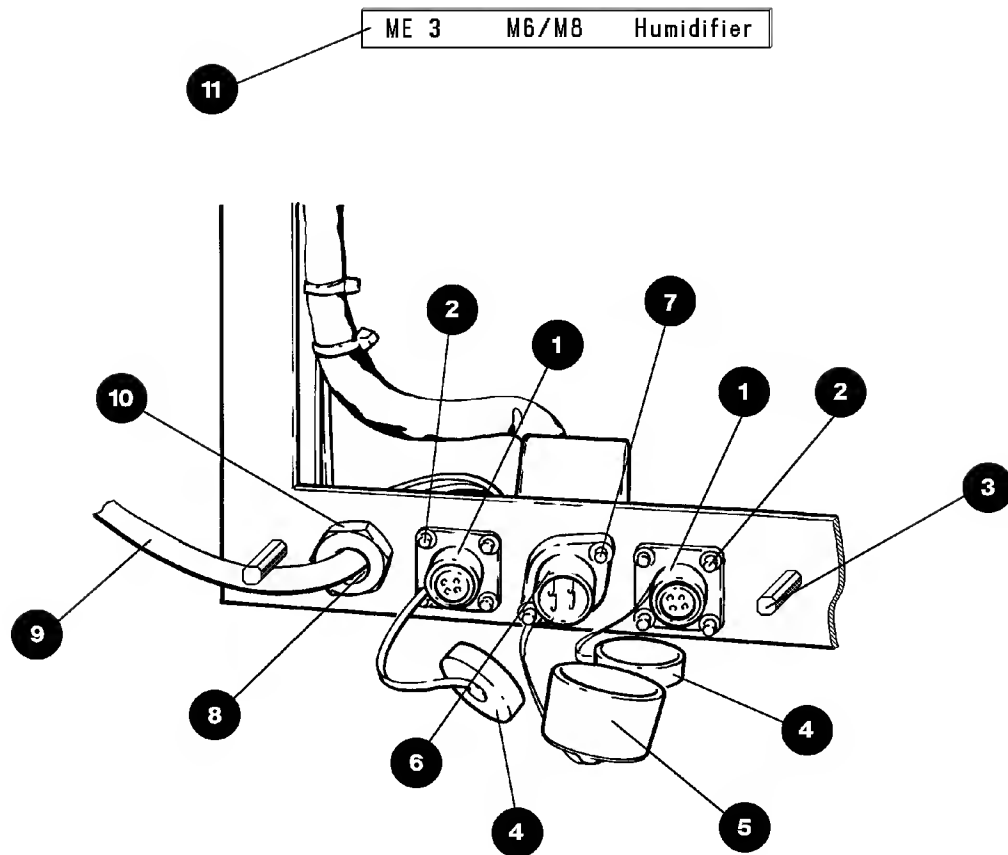


figure 1-7

PARTS LISTING figure 1-7

ITEM No.	PART No.	PART NAME	QUANTITY
1	9152236	CONNECTOR	2
2	4282836	SCREW M3X10	8
.....	4470106	WASHER 3.2mm	8
.....	4853111	NUT M3	8
3	9181951	BOLT	2
.....	4278940	SCREW M4X10	2
.....	4480036	WASHER 4.3mm	2
4	9152241	CAP	2
5	9152271	CAP	1
6	4529176	CONNECTOR	1
7	4281271	SCREW M3X12	2
.....	4470106	WASHER 3.2mm	2
.....	4853111	NUT M3	2
8	9171891	STRAIN RELIEF	1
9	9190606	LINE CORD (50Hz)	1
.....	9190676	LINE CORD (60Hz)	1
10	9171911	NUT	1
11	9191576	LABEL	1

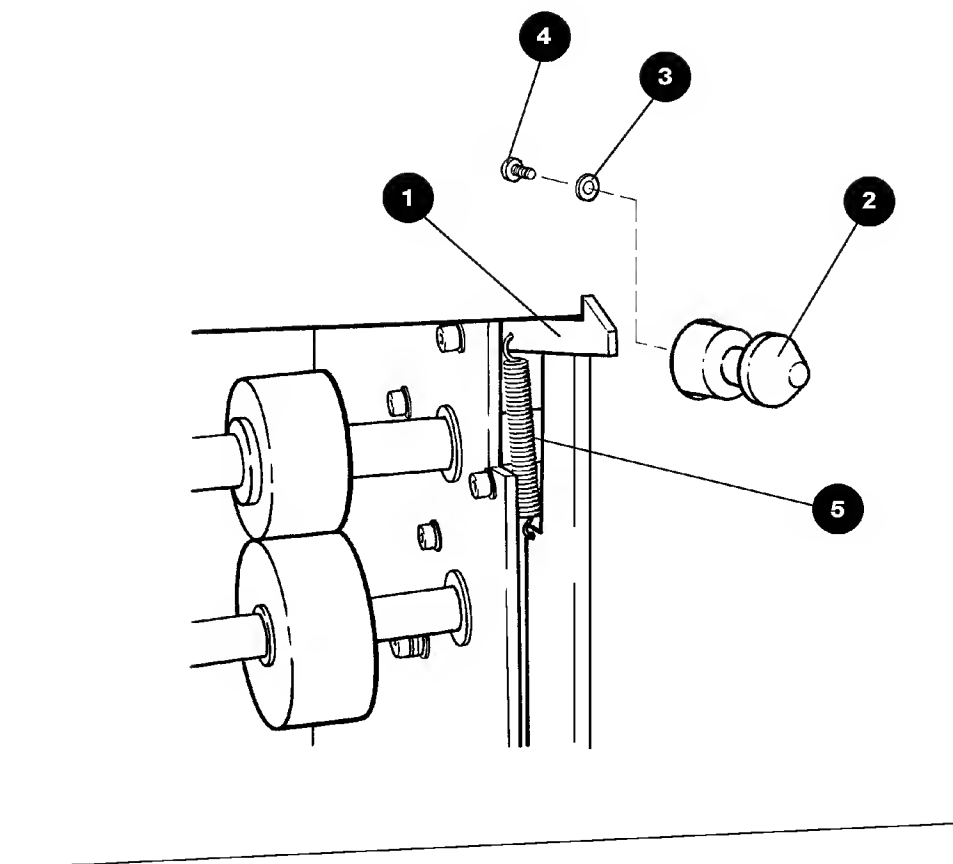


figure 1-8

PARTS LISTING figure 1-8

ITEM No.	PART No.	PART NAME	QUANTITY
1	9189766	SAFETY HOOK.....	1
2	9186106	CENTRING BOLT.....	2
3	4480146	WASHER.....	2
4	4279346	SCREW M5X16.....	2
5	9189776	SPRING.....	1

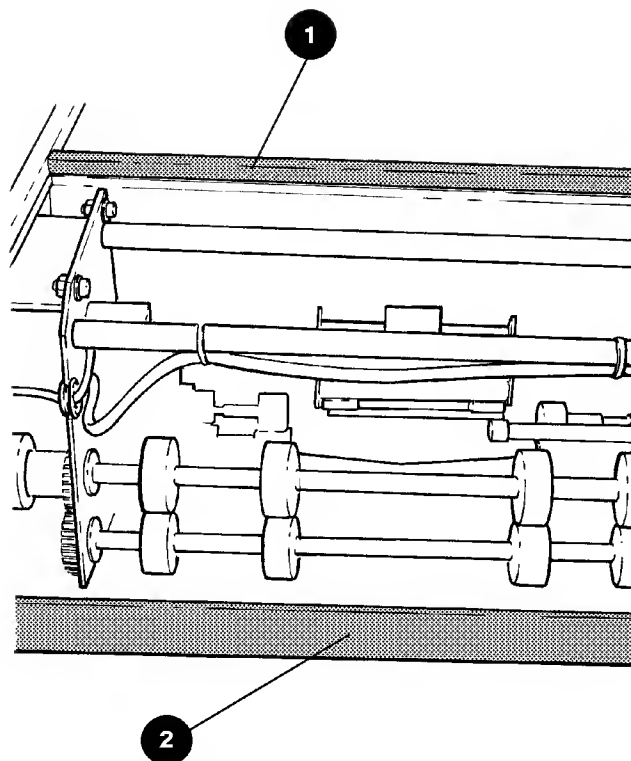


figure 1-9

PARTS LISTING figure 1-9

ITEM No.	PART No.	PART NAME	QUANTITY
1	9193661	FOAM RUBBER 12X12	1*
2	9193651	FOAM RUBBER 9X3	1*

*Note:

Quantity of 1 = longest length used in ML700

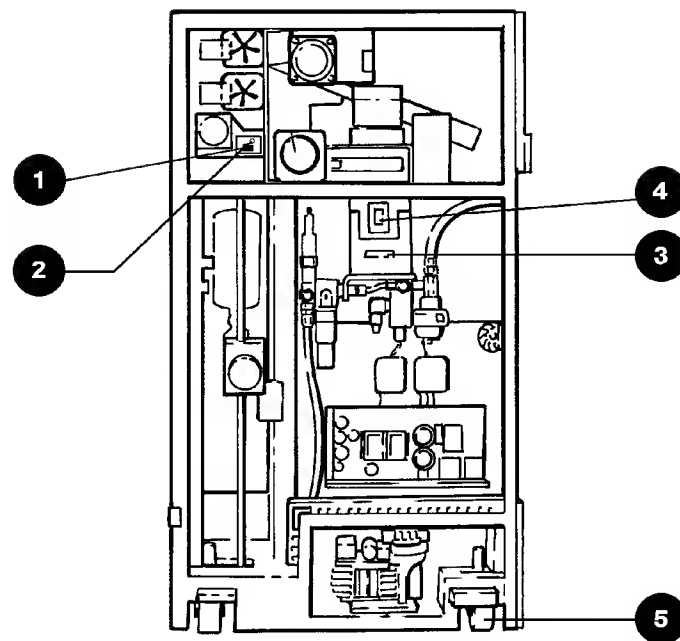


figure 1-10

PARTS LISTING figure 1-10

ITEM No.	PART No.	PART NAME	QUANTITY
1	4533356	SWITCH S27	1
2	9182561	ACTUATOR	1
3	9229756	COUNTER.....	1
4	9180176	INTERLOCK SWITCH S23	1
.....	G9901918	SERVICE KEY	1
5	9180381	CASTER	3

CHAPTER 2

CASSETTE TRANSPORT

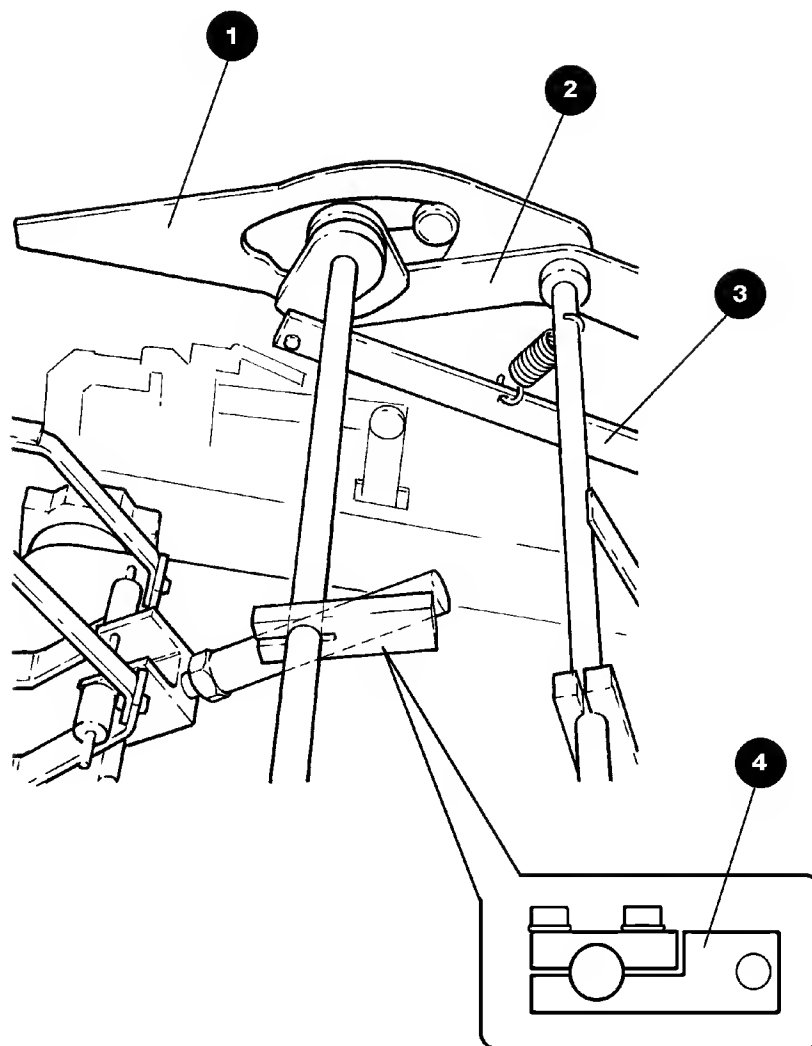


figure 2-1

PARTS LISTING figure 2-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183126	CAM	2
2	9183186	DOOR OPENER LH	1
	9183236	DOOR OPENER RH	1
3	9182866	SHAFT MOUNT LH	1
	9182936	SHAFT MOUNT RH	1
4	9193326	DRIVE ARM	1

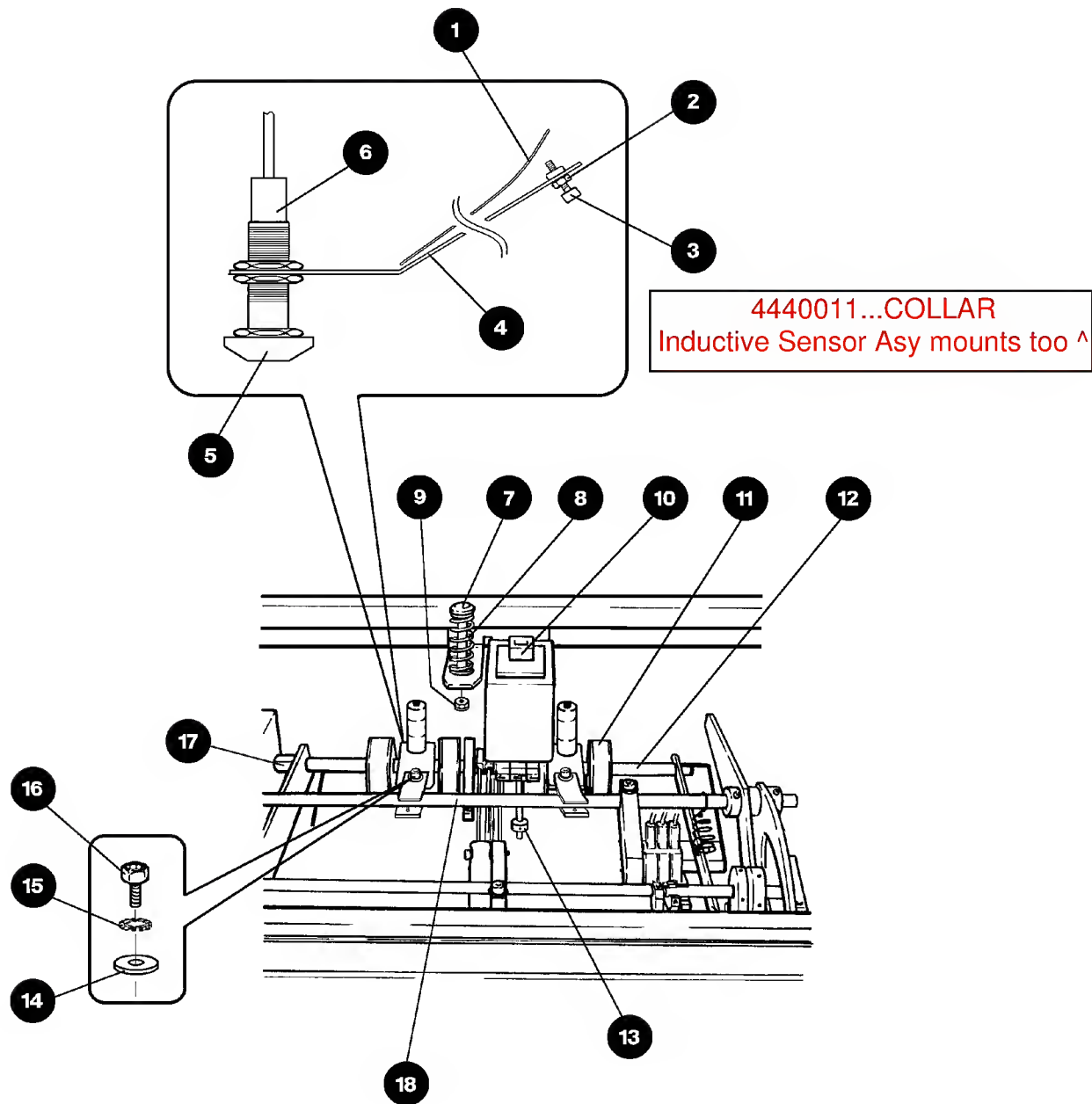


figure 2-2

PARTS LISTING figure 2-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183291	SPRING	2
2	4853111	NUT M3	2
3	4279240	SCREW M3X20	2
4	9183476	SENSOR MOUNT	2
5	9183491	GUIDE SHOE	2
6	9183486	INDUCTIVE SENSOR B28, B29	2
7	4282961	BOLT	1
8	9186366	SPRING	1
9	4853146	NUT M8	1
10	9180176	INTERLOCK SWITCH S21	1
11	9193466	ROLLER	4
12	9182996	SHAFT	1
13	4440011	COLLAR	3
14	4480121	WASHER 6.4mm	6
15	4500182	LOCKWASHER 6.4mm	4
16	4281571	SCREW M6X12	2
17	9182901	BEARING	2
18	9183093	SHAFT WITH PLATE	1

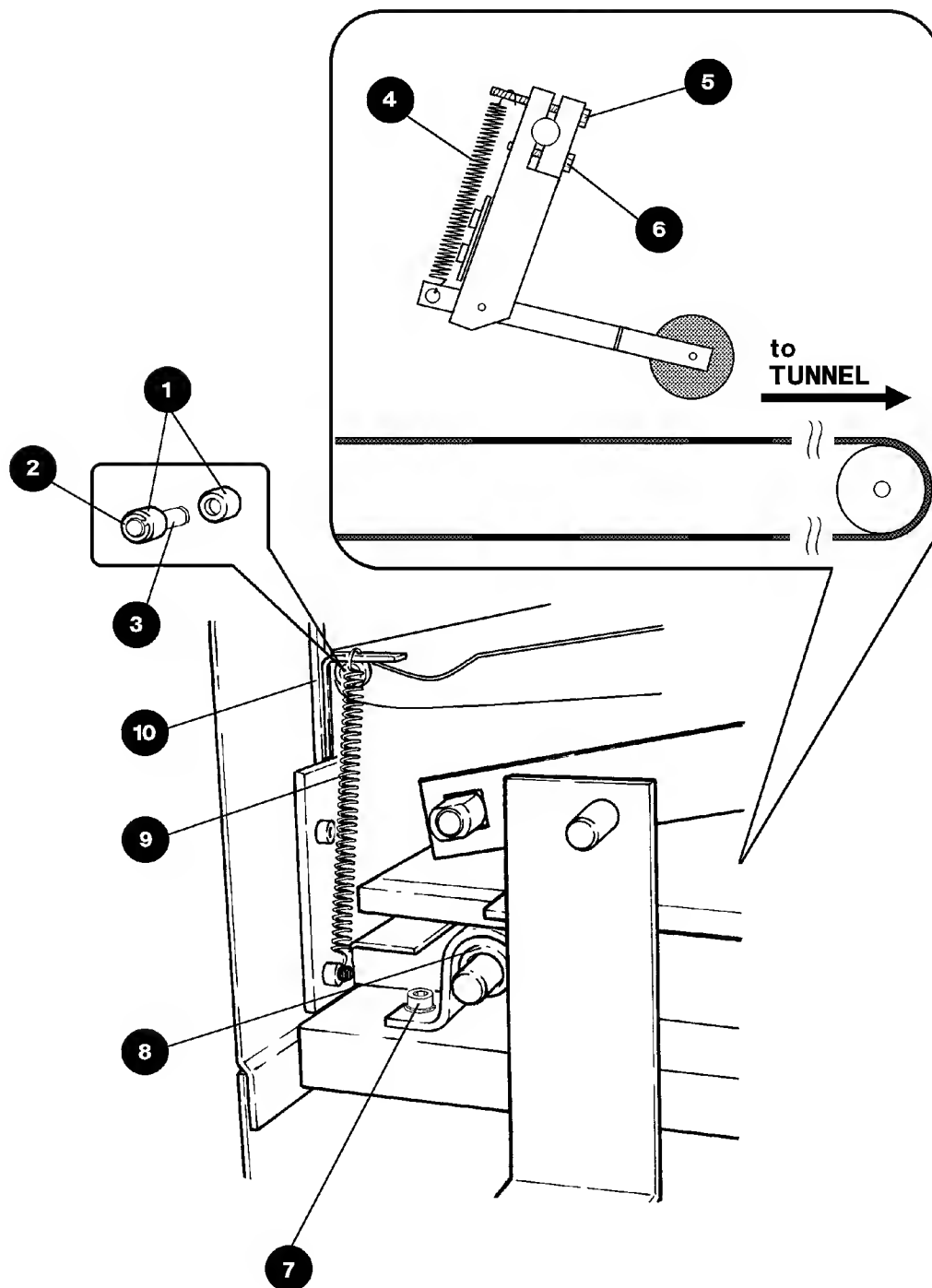


figure 2-3

PARTS LISTING figure 2-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183131	ROLLER	4
2	4499840	CIRCLIP 4.0mm	4
3	9183141	BOLT	2
4	9194071	SPRING	1
5	4282931	SCREW M5X40	1
6	4282411	SCREW M5X20	1
7	4280440	SCREW M6X20 UP TO SN 1605 (50Hz)	4
.....	4280440	SCREW M6X20 UP TO SN 5407 (60Hz)	4
8	9181166	BEARING UP TO SN 1605 (50Hz)	4
.....	9181166	BEARING UP TO SN 5407 (60Hz)	4
9	9183151	SPRING	2
10	5001514	SLIDING TAPE (1 BOX)	1

SN > 1606 (50 Hz)
SN > 5408 (60 Hz)

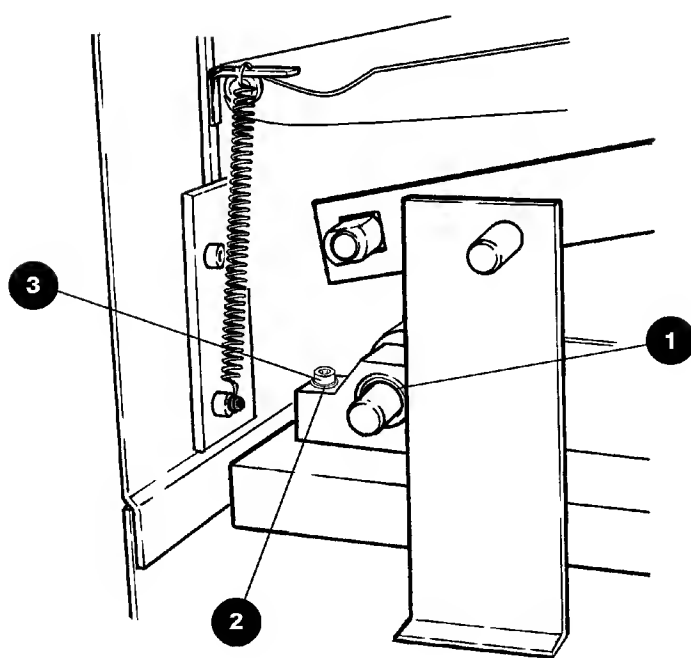


figure 2-4

PARTS LISTING figure 2-4**NOTE**

SN > 1606 (50 Hz) and SN > 5408 (60 Hz)

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9181071	SWING BEARING.....	2
2.....	4480121	WASHER 6.4mm	4
3.....	4280750	SCREW M6X50.....	4

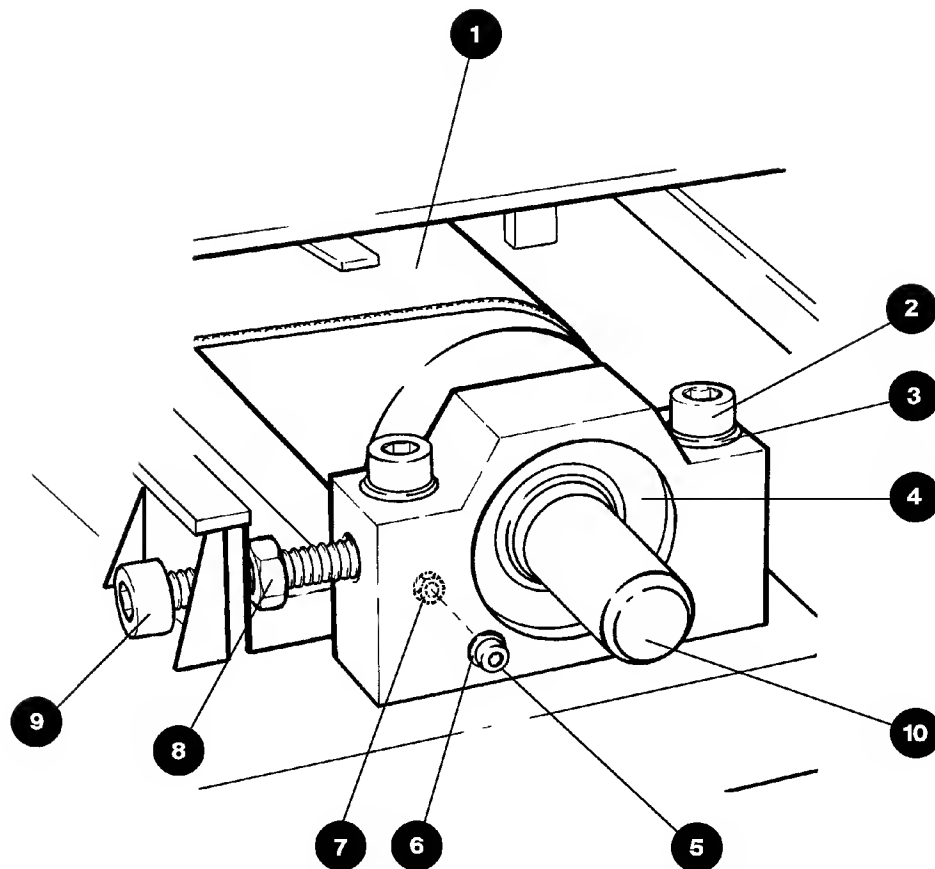


figure 2-5

PARTS LISTING figure 2-5

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9181216.....	BELT.....	1
2.....	4280750.....	SCREW M6X50.....	4
3.....	4480121.....	WASHER 6.4mm.....	4
4.....	9181071.....	SWING BEARING.....	2
5.....	4281681.....	SCREW M3X25.....	4
6.....	4470101.....	WASHER 3.2mm.....	4
7.....	4852011.....	NUT M3.....	7
8.....	4850311.....	NUT M6.....	2
9.....	4280640.....	SCREW M6X40.....	2
10.....	9181186.....	SHAFT.....	1

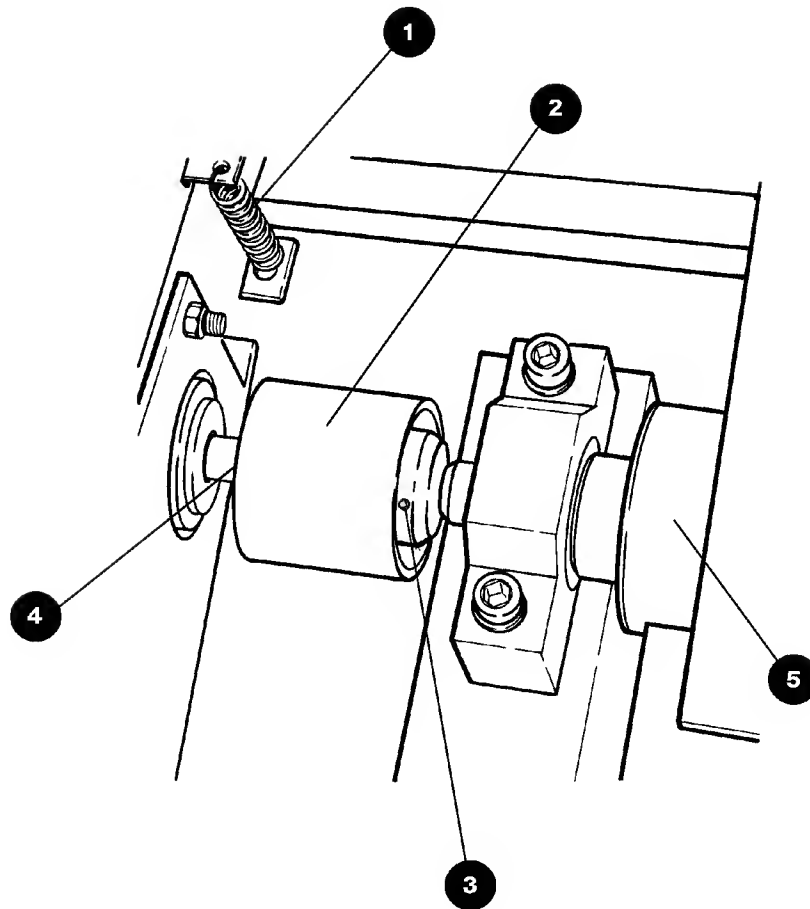


figure 2-6

PARTS LISTING figure 2-6

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9181481	SPRING.....	2
2.....	9181246	CLUTCH ASSY	1
3.....	4276310	GRUB SCREW M4X6	2
4.....	9181271	SPRING KEY	2
5.....	9181186	SHAFT	1

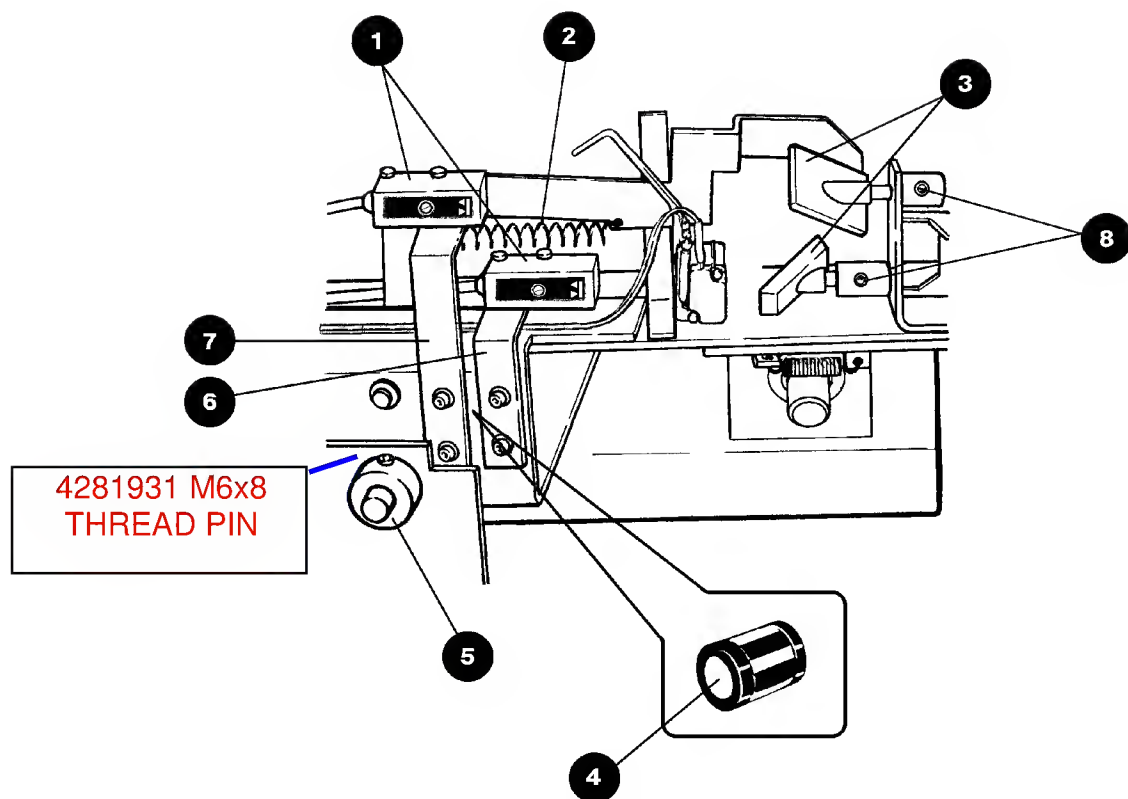


figure 2-7

PARTS LISTING figure 2-7

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9182216	PHOTOCELL B2, B3, B4, B5 use 9187631.....	3
1.....	9182111	SPRING.....	2
3.....	9182156	MIRROR+MOUNT use 9182126.....	4
4.....	9181976	BEARING for CENTRING BAR.....	4
5.....	4440041	COLLAR.....	2
6.....	9182396	SHORT BRACKET RH.....	1
	9182186	SHORT BRACKET LH.....	1
7.....	9182386	LONG BRACKET RH.....	1
	9182176	LONG BRACKET LH.....	1
8.....	4281841	SCREW M3X4.....	2

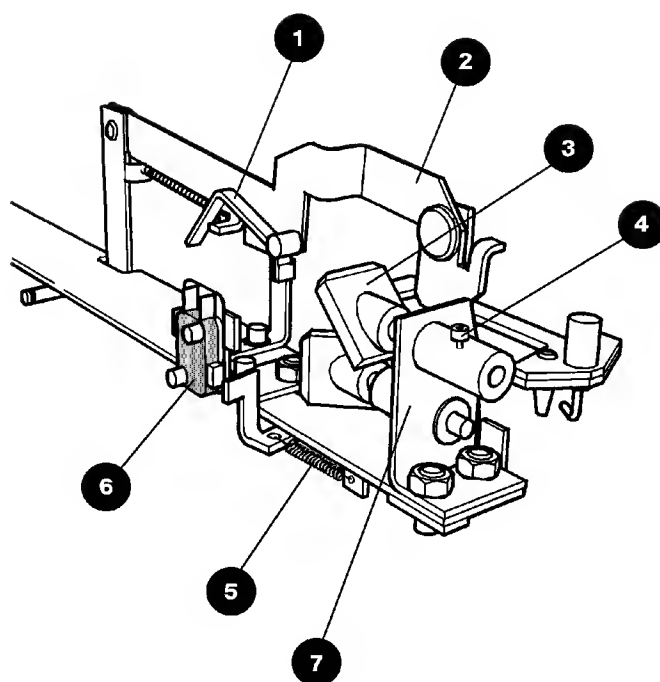


figure 2-8

PARTS LISTING figure 2-8

ITEM No.	PART No.	PART NAME	QUANTITY
1	9182246	GUIDE BRACKET RH	1
.....	9181766	GUIDE BRACKET LH	1
2	9182326	BLOW PIPE MOUNT ASSY RH	1
.....	9182006	BLOW PIPE MOUNT ASSY LH	1
3	9182156	MIRROR+MOUNT use 9182126	4
4	4281841	SCREW M3X4	4
5	9181891	SPRING	2
6	4533356	SWITCH S14,S15	2
.....	9192081	REPAIR KIT, CABLE	-
7	9182256	BRACKET RH	1
.....	9181786	BRACKET LH	1

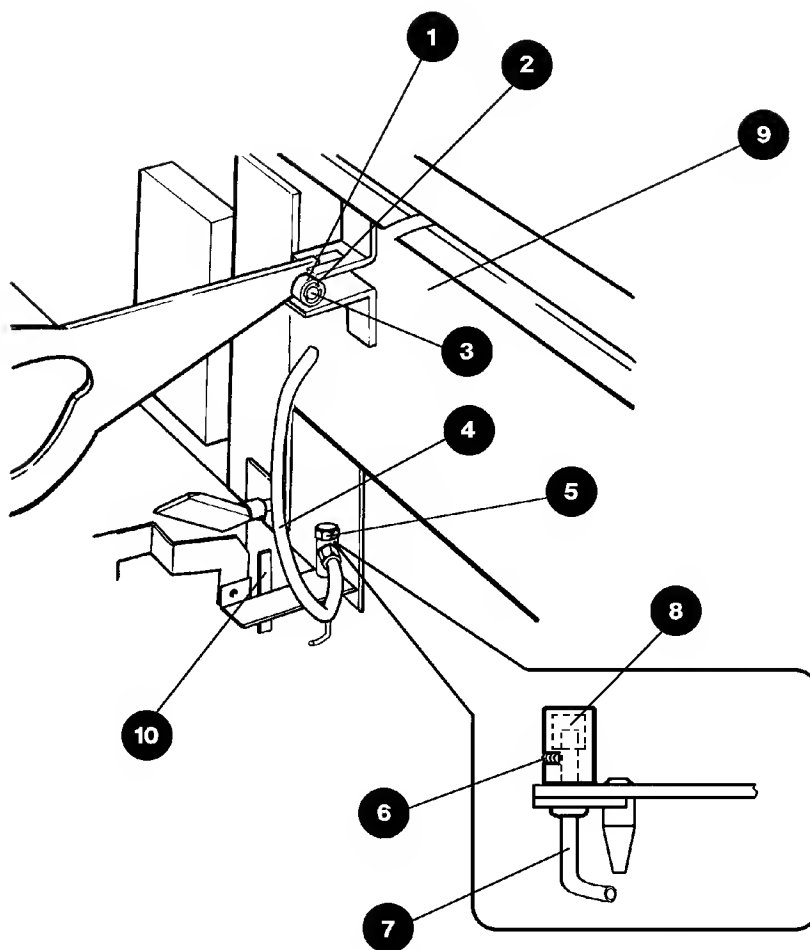


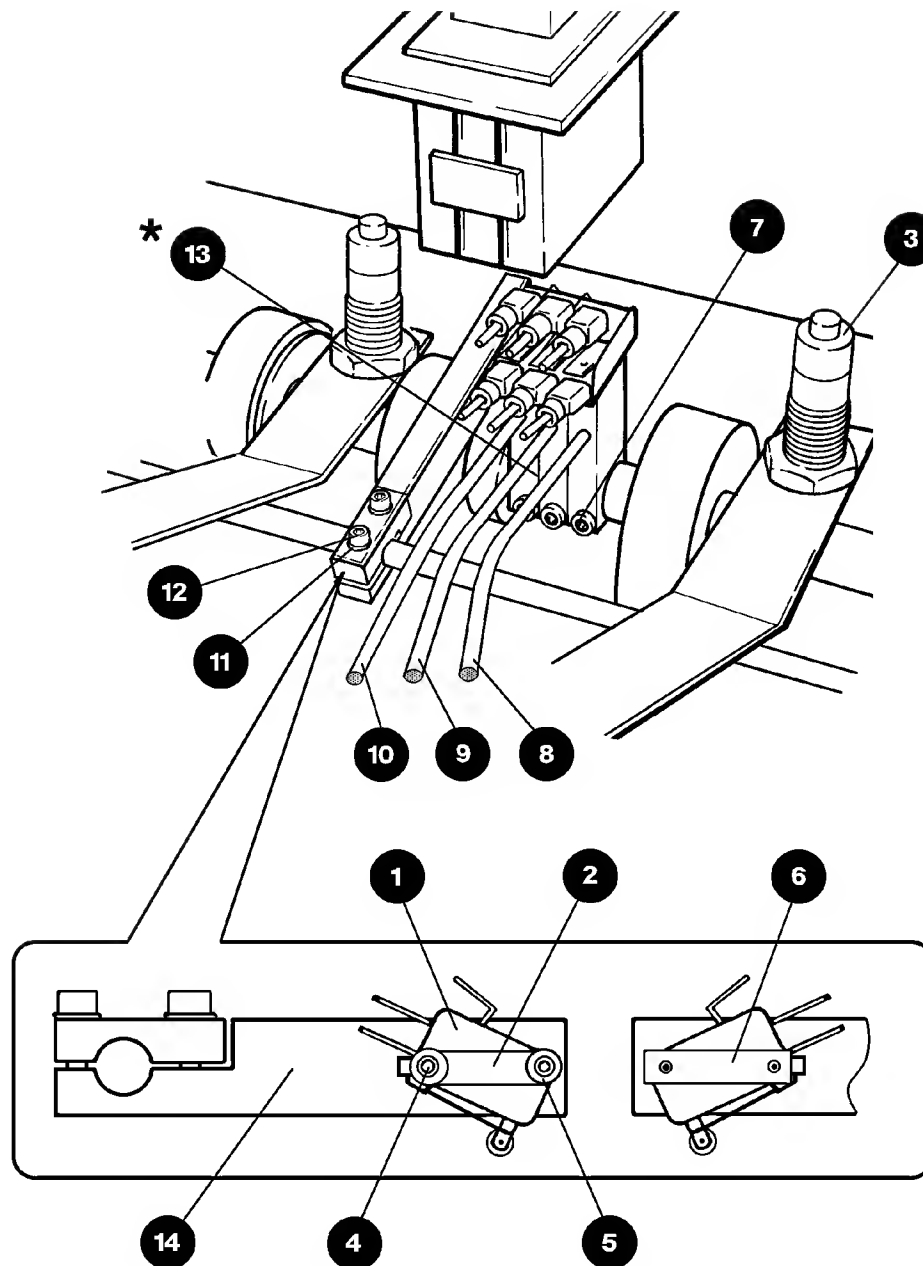
figure 2-9

PARTS LISTING figure 2-9

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183131	ROLLER	4
2	4499840	CIRCLIP 4.0mm	4
3	9183141	BOLT	2
4	9220170	HOSE 3X4	1*
5	9182131	COUPLING WITH SEAL AND MOUNTING SCREW	2
6	4278299	THREAD PIN M3X3	2
7	9182046	BLOW PIPE	2
8	9220020	INSULATING TUBE use 9185736	2
9	9182576	DOOR ASSY	1
10	9182286	ACTUATOR for CENTRING SWITCH RH use 9182283	1
	9182266	... ACTUATOR GUIDE PLATE RH (not shown) use 9182263	1
	9181866	ACTUATOR for CENTRING SWITCH LH	1
	9181826	ACTUATOR GUIDE PLATE LH (not shown)	1

*Note:

Quantity of 1 = longest length used in ML700



Note:
The Washers item 13 are
located between the
Sensor Wire Assy's**

figure 2-10

PARTS LISTING figure 2-10

ITEM No.	PART No.	PART NAME	QUANTITY
1	4533356	SWITCH S1, S2, S3	1
2	9182561	ACTUATOR	1
3	9183486	INDUCTIVE SENSOR B28, B29	2
4	4282451	SCREW M3X45	2
5	4470101	WASHER 3.2mm	2
6	9181131	THREAD PLATE	1
7	4281551	SCREW M3X16	3
8	9183026	SENSOR WIRE 1 ASSY (Wire+Cam)	1
9	9183056	SENSOR WIRE 2 ASSY (Wire+Cam)	1
10	9183076	SENSOR WIRE 3 ASSY (Wire+Cam)	1
11	4480411	WASHER 6.4mm	1
12	4279346	SCREW M5X16	1
13	4470700	WASHER 10.2mm	2
14	9192916	HOLDER	1

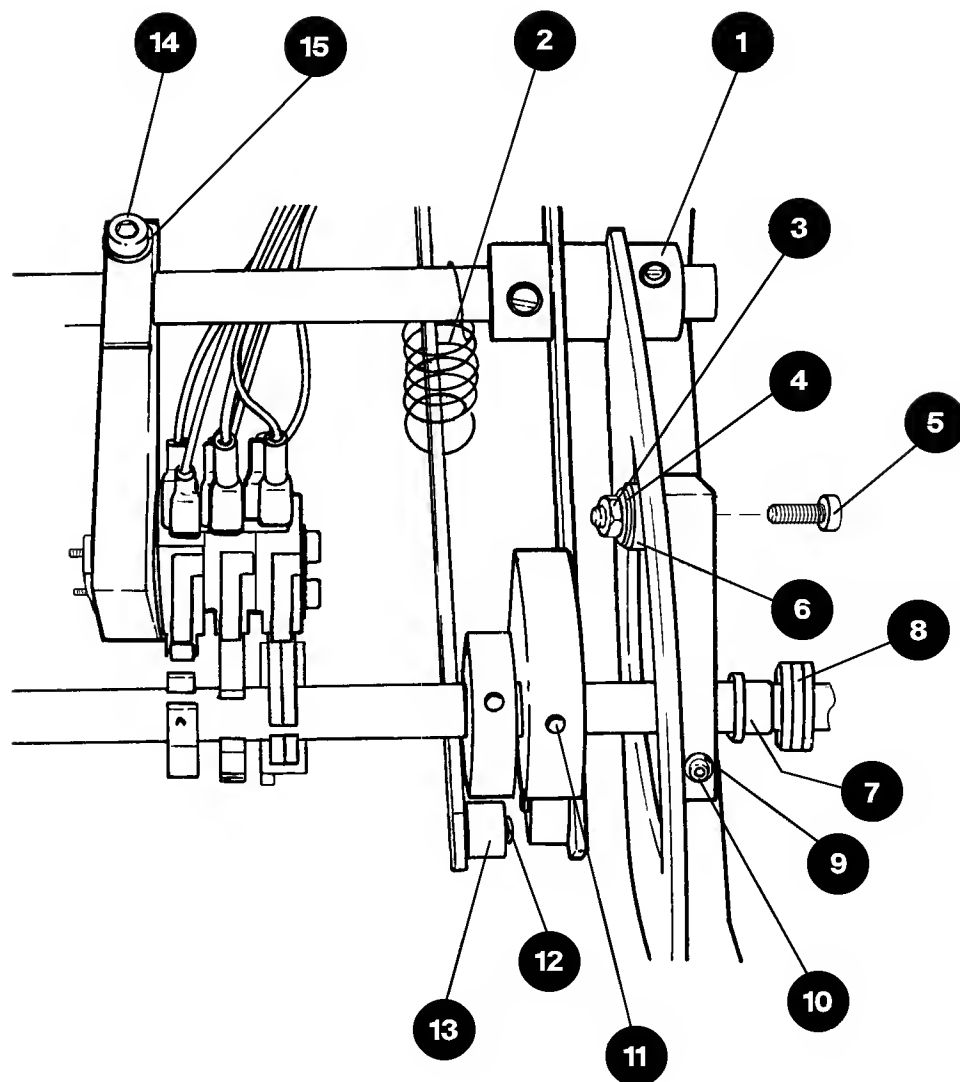


figure 2-11

PARTS LISTING figure 2-11

ITEM No.	PART No.	PART NAME	QUANTITY
1	4440011	COLLAR	4
2	9183191	SPRING	2
3	4853036	NUT M5	2
4	4480146	WASHER 5.3mm	2
5	4279346	SCREW M5X16	2
6	9185561	BALL BEARING	2
7	9180341	BEARING	1
8	9186271	SPACER	4
9	4480031	WASHER 4.3mm	2
10	4281661	SCREW M4X20	2
11	4281581	THREAD PIN M4X8	8
12	4498140	CIRCLIP 5mm	4
13	9182891	ROLLER	4
14	4281636	SCREW M5X25	1
15	4480146	WASHER 5.3mm	1

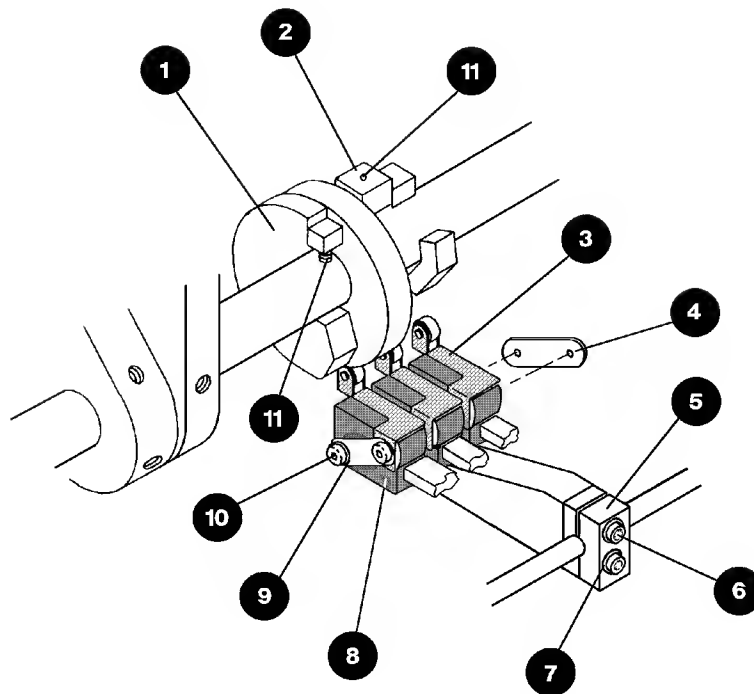


figure 2-12

PARTS LISTING figure 2-12

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183353	CAM ASSY	2
2	9183313	CAM ASSY	2
3	9182561	ACTUATOR	3
4	9181131	THREAD PLATE	1
5	9198941	HOLDER.....	1
6	4281636	SCREW M5X25.....	2
7	4480176	WASHER 5.3mm	2
8	4533356	SWITCH S4, S5, S6	3
9	4470101	WASHER 3.2mm	2
10	4282451	SCREW M3X45.....	2
11	4283021	THREAD PIN M4X8 use 4281581.....	4

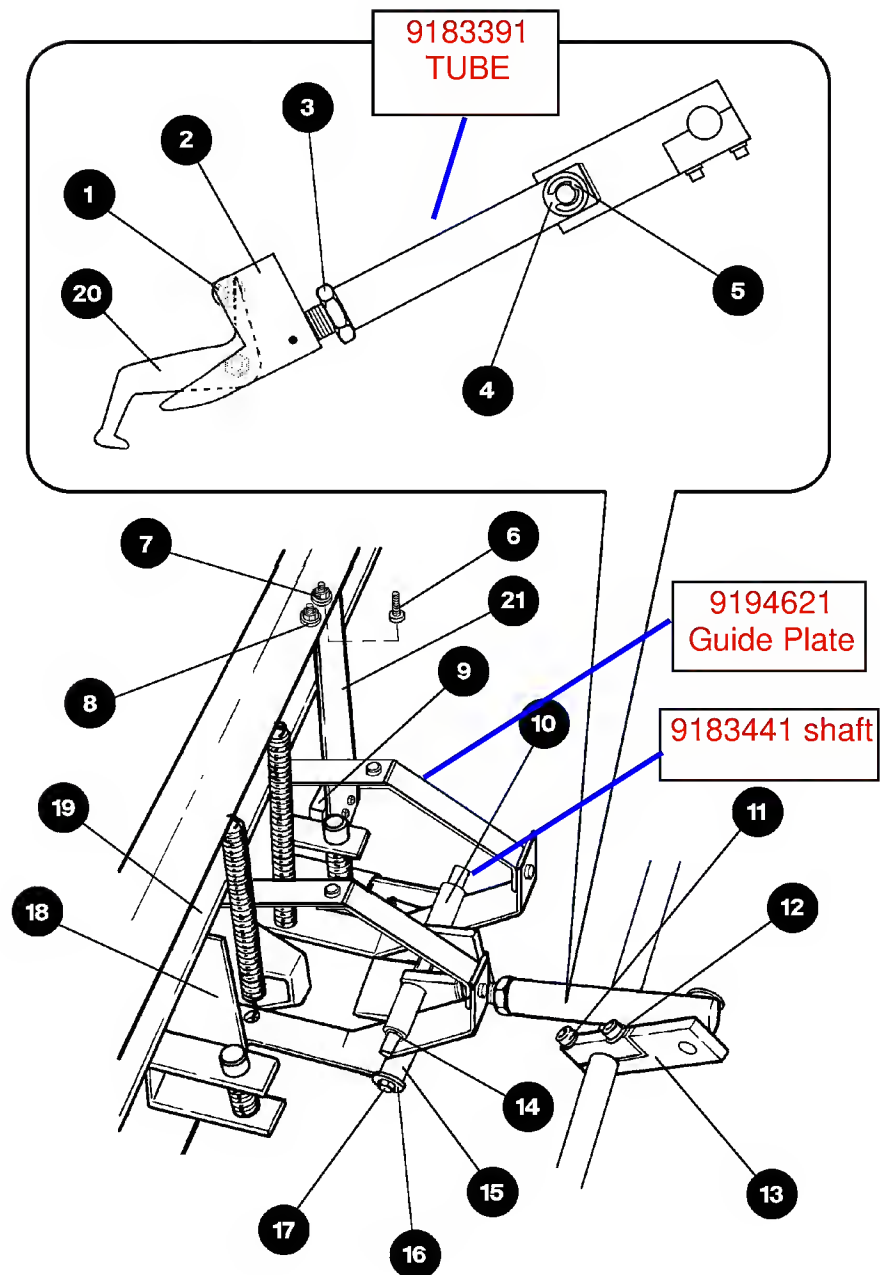


figure 2-13

PARTS LISTING figure 2-13

ITEM No.	PART No.	PART NAME	QUANTITY
1	4499740	CIRCLIP 3.2mm	2
2	9198166	SHOVEL	1
3	4852901	NUT M10	1
4	4480291	WASHER 10.5mm	2
5	4500221	CIRCLIP 7mm	2
6	4282781	SCREW M3X10	2
7	9197911	PLATE	1
8	4470101	WASHER 3.2mm	2
9	9181106	PHOTOCELL ASSY B6 use 9284356	2
10	9194913	ROLLER	2
11	4282986	SCREW M4X20 use 4281661	2
12	4480146	WASHER 5.3mm	2
13	9192916	BRACKET ASSY use 9193326 (Drive Arm)	1
14	4499740	CIRCLIP 3.2mm	2
15	9183401	LID HOOK SHAFT	2
16	4480032	WASHER 4.3mm	2
17	4853126	NUT M4	2
18	5001514	SLIDING TAPE (1 BOX)	1
19	9182576	DOOR ASSY	1
20	9183436	LID HOOK	1
21	9182696	SENSOR BRACKET	1

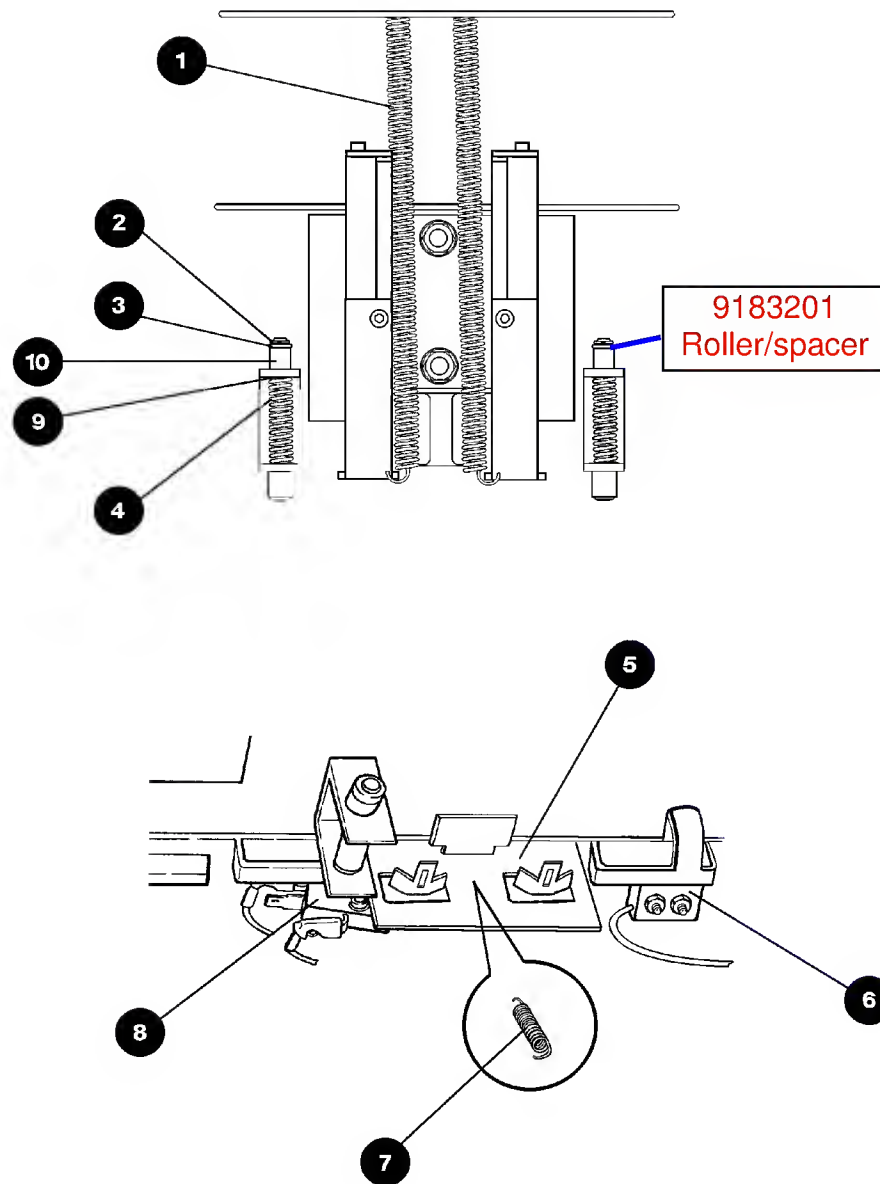


figure 2-14

PARTS LISTING figure 2-14

ITEM No.	PART No.	PART NAME	QUANTITY
1	9194601	SPRING	2
2	4499740	CIRCLIP 3.2mm	2
3	4407301	WASHER 3.2mm	2
4	9182701	SPRING	2
5	9181036	ACTUATOR BRACKET	1
6	9181106	PHOTOCELL ASSY B6	1
7	9181201	SPRING	1
8	4533356	SWITCH S13	1
9	4480171	WASHER 5.3mm	2
10	9182683	BOLT	2

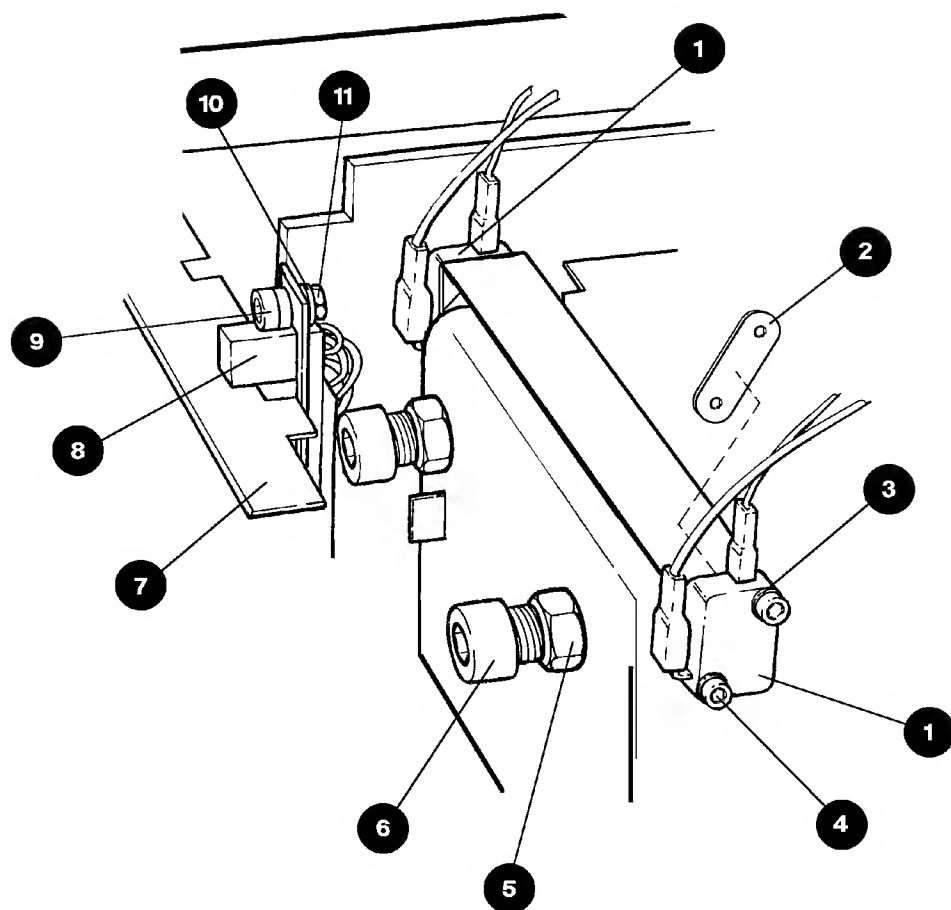


figure 2-15

PARTS LISTING figure 2-15

ITEM No.	PART No.	PART NAME	QUANTITY
1	4533356	SWITCH S9, S10	2
2	9181131	THREAD PLATE	2
3	4470101	WASHER 3.2mm	4
4	4281551	SCREW M3X16	4
5	4850311	NUT M6	2
6	4280540	SCREW M6X30	2
7	9181996	CODE STRIP	1
8	9181886	PHOTOCELL ASSY B1	1
9	4281601	SCREW M3X6	2
10	4470101	WASHER 3.2mm	2
11	4852011	NUT M3	2

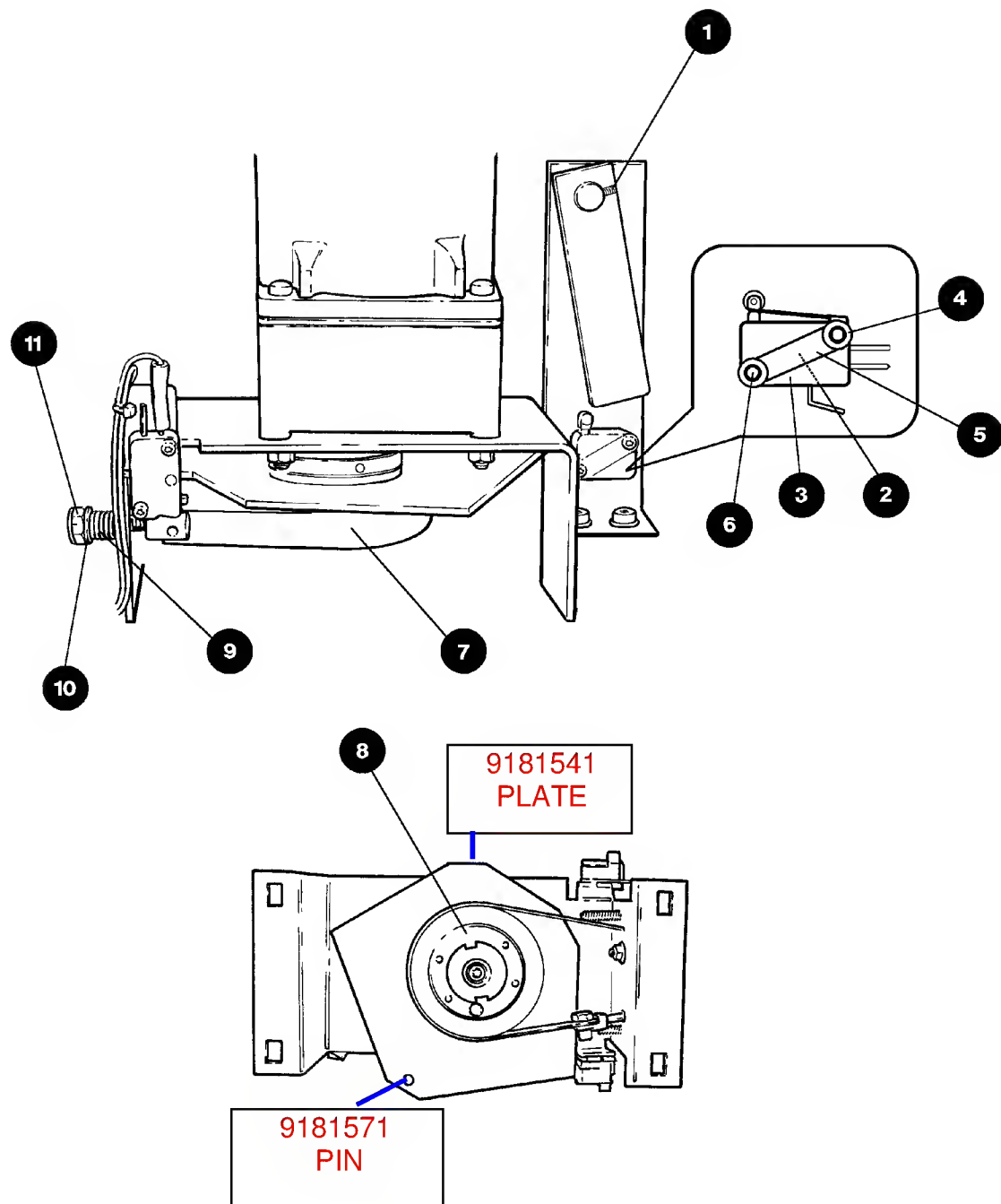


figure 2-16

PARTS LISTING figure 2-16

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	4276310	GRUB SCREW M4X6	1
2.....	9181131	THREAD PLATE	2
3.....	4533356	SWITCH S8	2
4.....	4470101	WASHER 3.2mm	4
5.....	9182561	ACTUATOR	1
6.....	4281551	SCREW M3X16.....	4
7.....	9181596	BRAKE	1
8.....	9181586	CLUTCH DISK WITH SCREW use 9181536	1
9.....	9181621	SPRING.....	1
10	4480146	WASHER.....	1
11	4853036	NUT M5.....	1

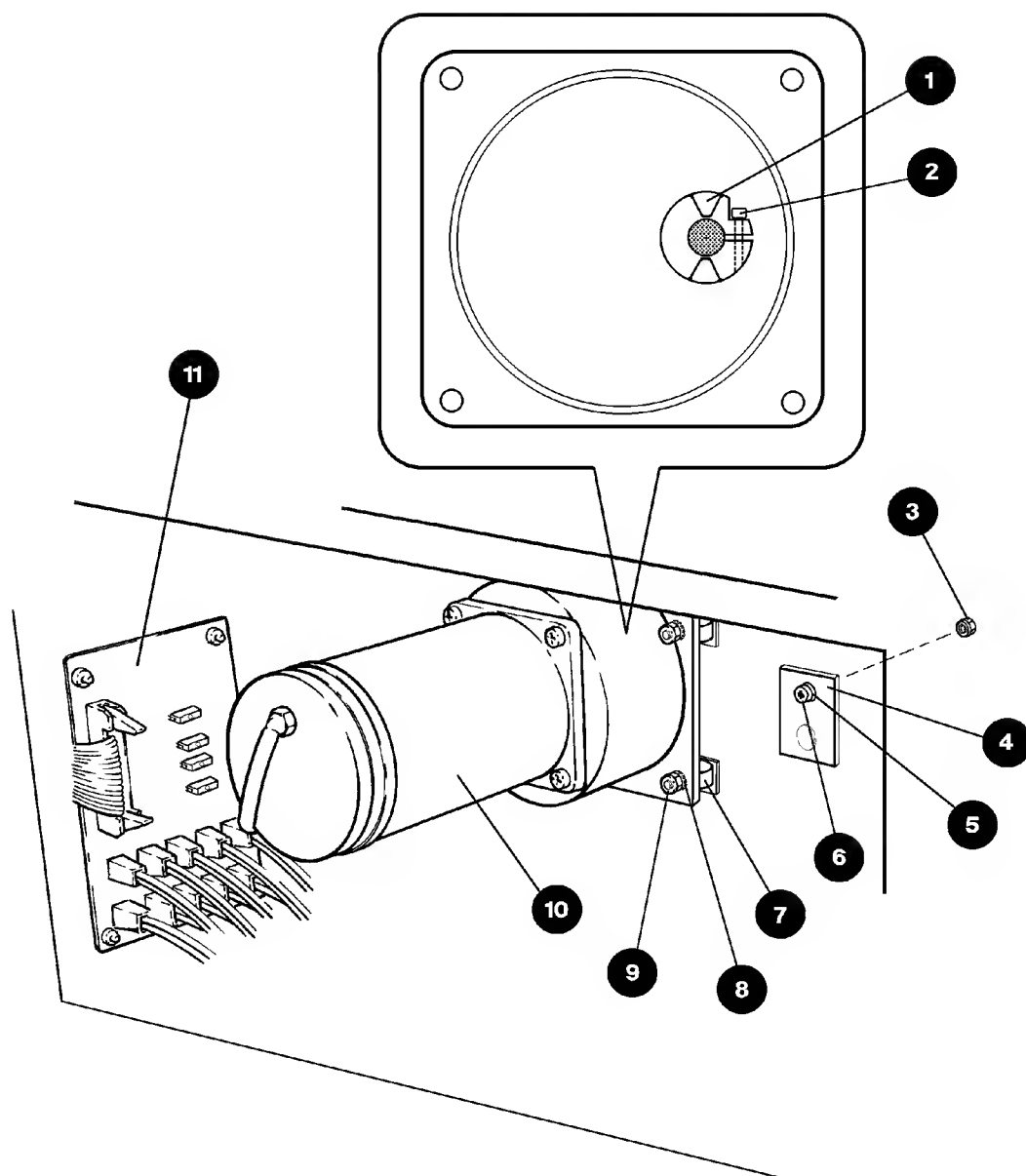


figure 2-17

PARTS LISTING figure 2-17

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183346	CLUTCH	1
2	4281271	SCREW M3X12	1
3	4853126	NUT M4	1
4	9183093	SHAFT WITH PLATE	1
5	4480032	WASHER 4.3mm	1
6	4282806	SCREW M4X16	1
7	9183361	SHOCK MOUNT	4
8	4500191	LOCKWASHER 5.3mm	8
9	4853036	NUT M5	8
10	9183376	MOTOR M3 CASSETTE OPENING 50Hz	1
	9191866	MOTOR M3 CASSETTE OPENING 60Hz	1
11	9183600	PCB A8 INTERFACE (A)	1

CHAPTER 3

CONVEYOR

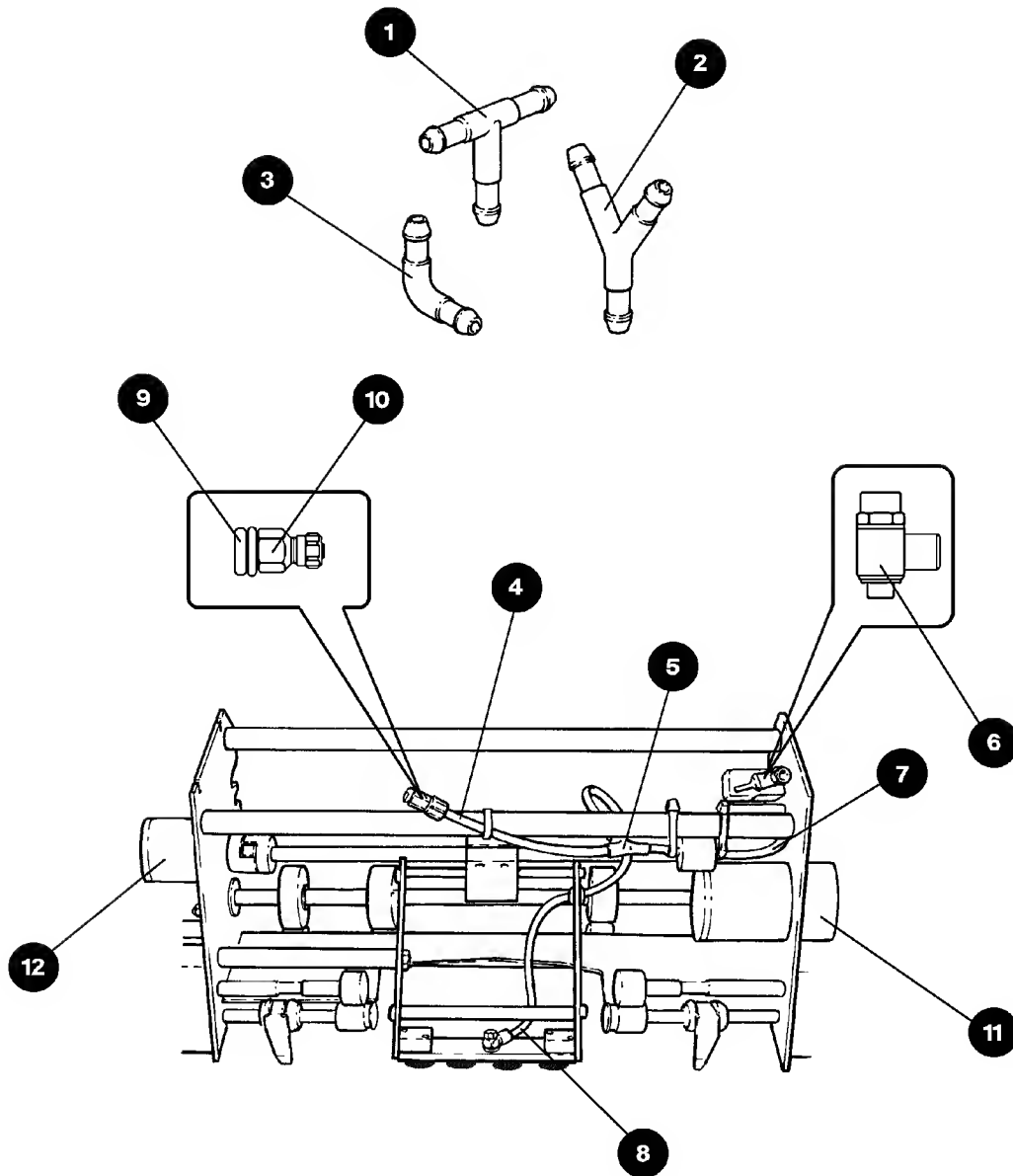


figure 3-1

PARTS LISTING figure 3-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9187101	T-COUPLING	1
2	9187071	Y-COUPLING	1
3	9184671	L-COUPLING	1
4	9220160	HOSE 6X8	1*
5	9186901	HOSE COUPLING	1
6	9185921	REGULATOR	1
7	9193621	HOSE 4X8 (SILICONE)	1*
8	9185736	HOSE 2X4	1*
9	9183526	PLUG	1
10	9183511	COUPLING	1
11	9185296	MOTOR M4 CASSETTE UNLOADING 50Hz	1
	9191896	MOTOR M4 CASSETTE UNLOADING 60Hz	1
12	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

*Note:

Quantity of 1 = longest length used in ML700

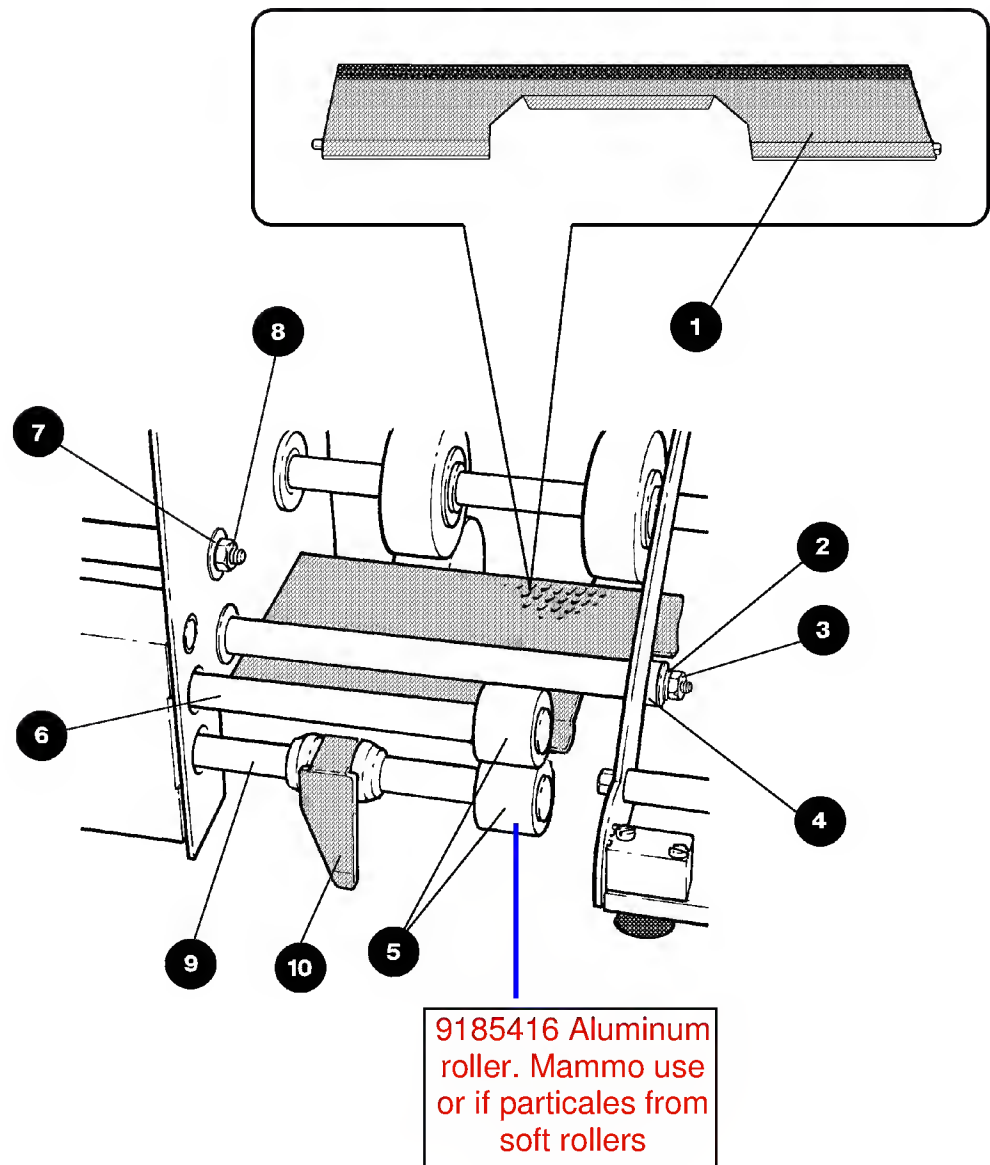


figure 3-2

PARTS LISTING figure 3-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185786	GUIDE PLATE.....	1
2	4480031	WASHER 4.3mm	1
3	4853126	NUT M4.....	1
4	9185561	BALL BEARING	1
5	9185456	SOFT ROLLER	2
6	9185531	SHAFT	1
7	4480271	WASHER 6.4mm	1
8	4853136	NUT M6	1
9	9192366	SHAFT ASSY LH.....	1
10	9185526	DEFLECTOR LH (DEFLECTOR + PLUSH TAPE)	1

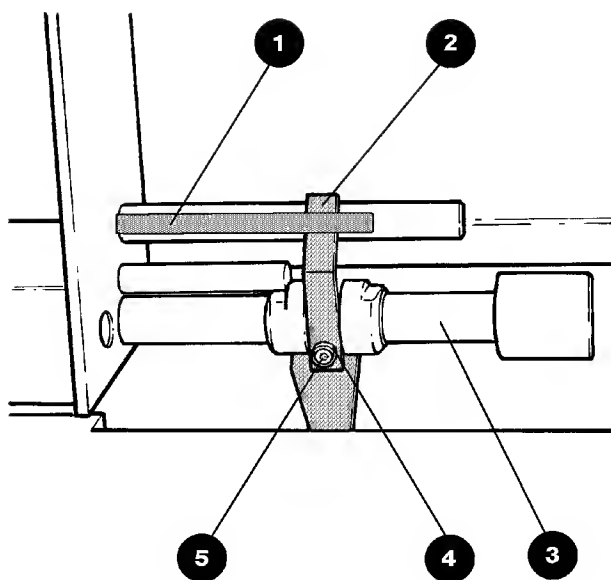


figure 3-3

PARTS LISTING figure 3-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9192981	SPRING	1
2	9188106	SPRING	1
3	9192366	SHAFT ASSY LH	1
4	4480516	WASHER 2.7mm	1
5	4300641	SCREW 2X6	1

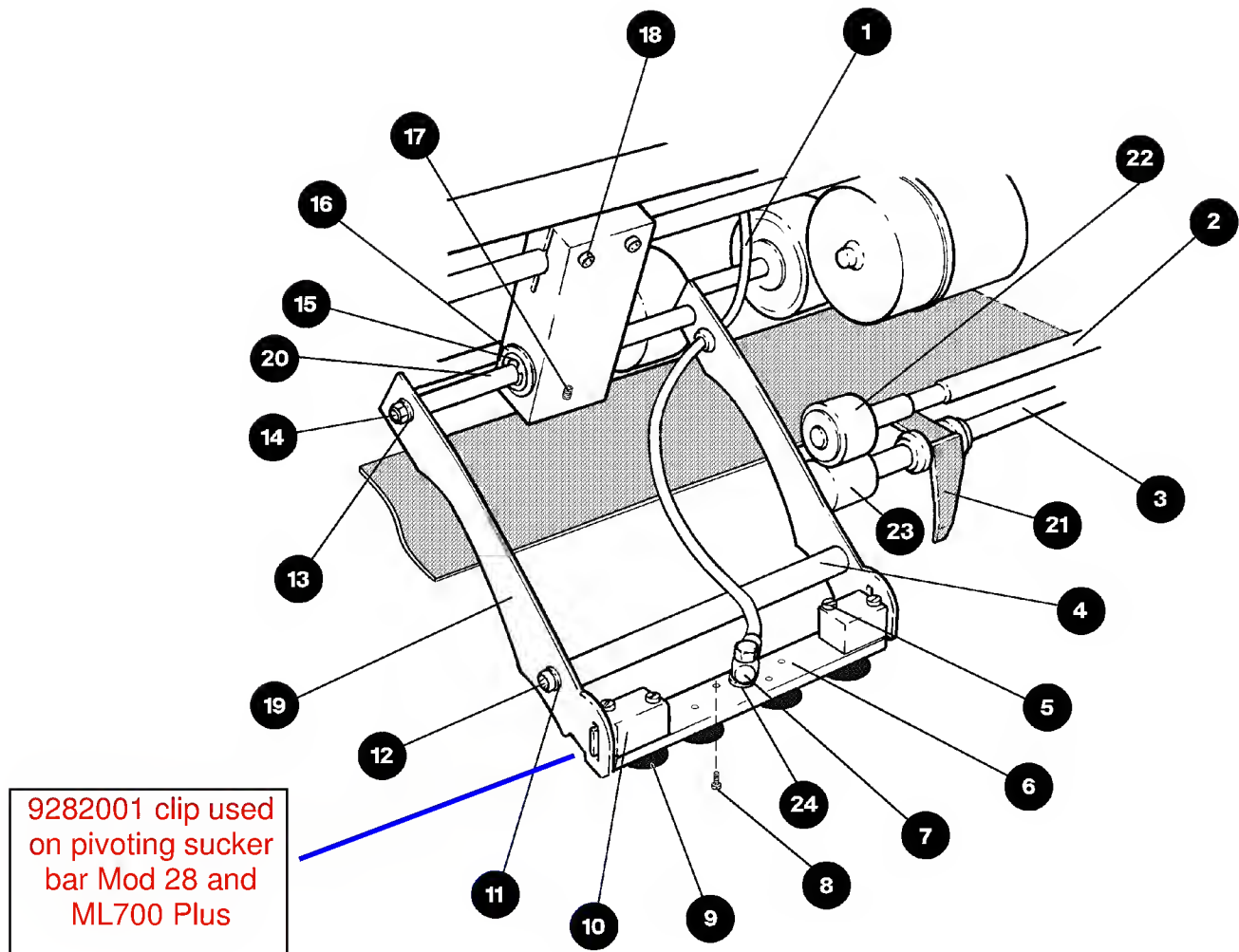


figure 3-4

PARTS LISTING figure 3-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9220170	HOSE 3X4	1*
2	9185446	SHAFT	1
3	9192356	SHAFT ASSY RH	1
4	9185771	SHAFT	1
5	4281891	SCREW M2.5X18	4
6	9185666	SUCKERBAR ASSY (items 5, 6, 7, 8, 9, 10, 12)	1
7	9182131	COUPLING WITH SEAL AND MOUNTING SCREW	1
8	4302221	SCREW 2.5X6	1
9	9185676	SUCKER	4
10	9192921	SLIDING BLOCK	2
11	4480146	WASHER 5.3mm	2
12	4282741	SCREW M5X12	2
13	4480146	WASHER 5.3mm	2
14	4853036	NUT M5	2
15	4500221	CIRCLIP 7mm	2
16	9185371	BEARING	2
17	4281931	THREAD PIN M6X8	1
18	4281202	SCREW M6X25	2
19	9191596	GUIDE BRACKET	2
20	9185611	SHAFT	1
21	9185336	DEFLECTOR RH (DEFLECTOR + PLUSH TAPE)	1
22	9196516	SOFT ROLLER See # 2 3	1
23	9185456	SOFT ROLLER Use 9185416 Aluminum Roller	4
24	9184751	SEAL RING	1

*Note:

Quantity of 1 = longest length used in ML700

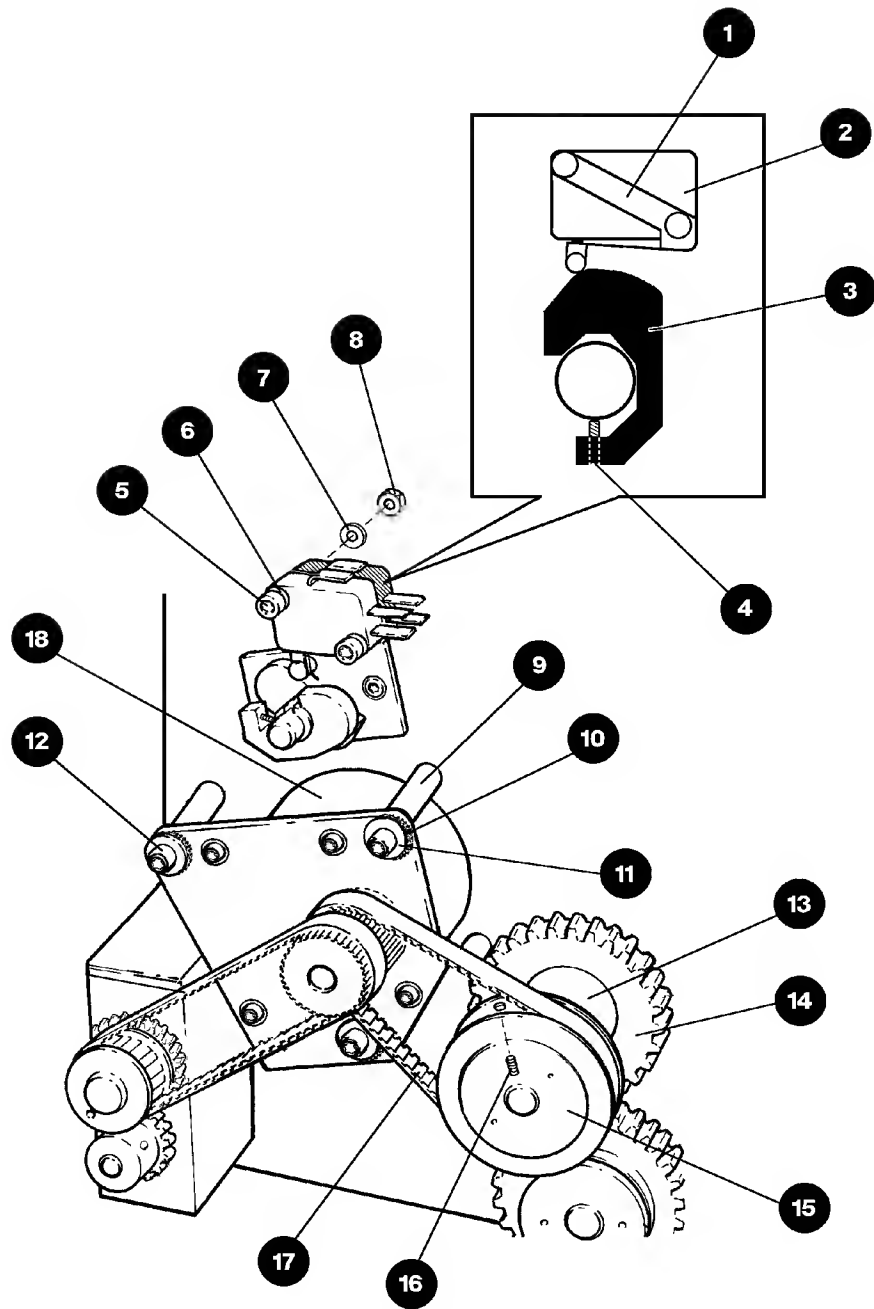


figure 3-5

PARTS LISTING figure 3-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9182561	ACTUATOR	2
2	4533356	SWITCH S11, S12	2
3	9194656	CAM	2
4	4282971	THREAD PIN M4X12	2
5	4281761	SCREW M3X35	2
6	4470101	WASHER 3.2mm	2
7	4480326	LOCKWASHER 3.2mm	2
8	4852011	NUT M3	2
9	9185271	MOUNTING BOLT	3
10	4853121	NUT M4	3*
.....	4500146	LOCKWASHER 4.3mm	3*
.....	4469600	WASHER 4.05mm	3*
11	4480406	WASHER 5.3mm	3**
12	4282741	SCREW M5X12	3**
13	9185966	STUD	1
14	9185846	GEAR	1
15	9185946	PULLEY	1
16	4281581	THREAD PIN M4X8	2
17	9185636	TIMING BELT	1
18	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
.....	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

* up to SN 1057

** from SN 1058 and all 60Hz ML700

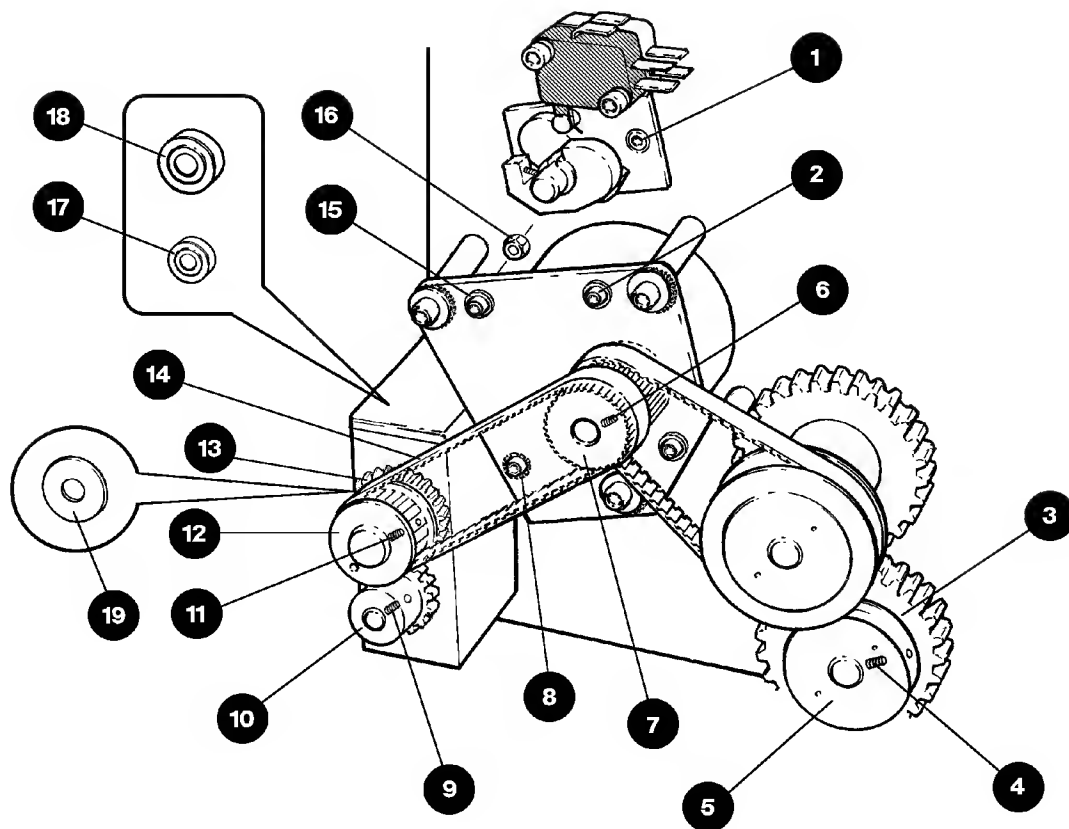


figure 3-6

PARTS LISTING figure 3-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	4281726	SCREW M3X10.....	2
2	4282806	SCREW M4X16.....	4
3	9185846	GEAR.....	1
4	4281581	THREAD PIN M4X8	2
5	9185866	PULLEY.....	1
6	4276310	GRUB SCREW M4X6	4
7	9185266	PULLEY.....	1
8	4500142	LOCKWASHER 4.3mm.....	6
9	4276310	THREAD PIN M4X6	1
10	9185421	GEAR.....	1
11	4276310	THREAD PIN M4X6	2
12	9185496	PULLEY.....	1
13	9185476	GEAR.....	1
14	9185636	TIMING BELT.....	1
15	4480031	WASHER 4.3mm	3
16	4853256	NUT M4.....	3
17	9185371	BEARING	2
18	9183841	BEARING	2
19	4500241	SPRING WASHER 7.0mm.....	1

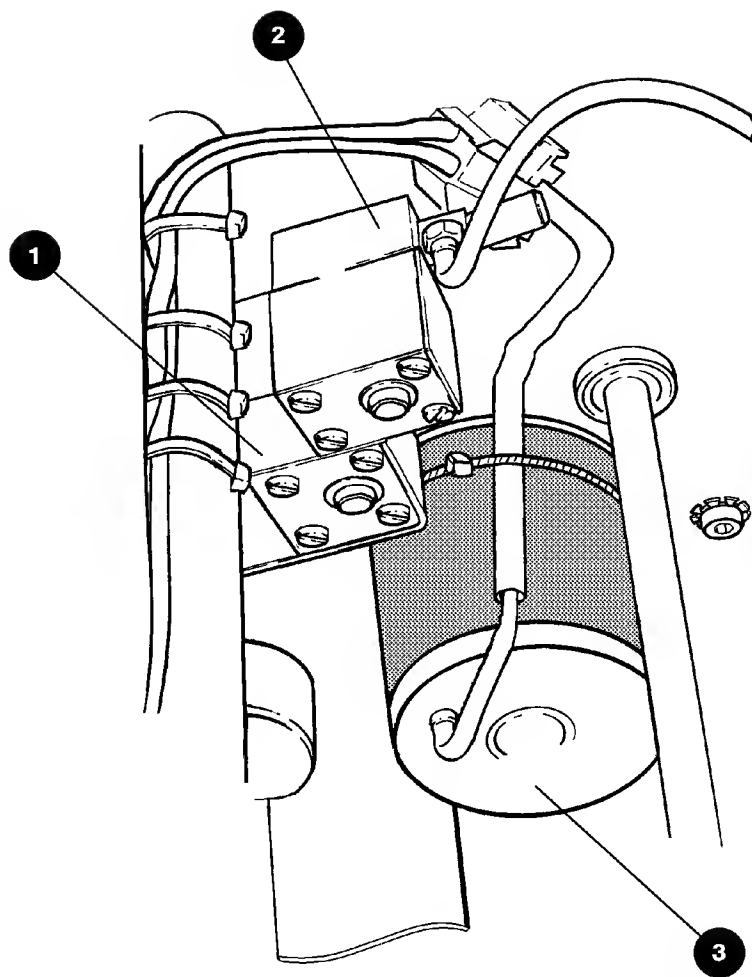


figure 3-7

PARTS LISTING figure 3-7

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185986	SOLENOID VALVE SV1	1
2	9185986	SOLENOID VALVE SV2	1
3	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
.....	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

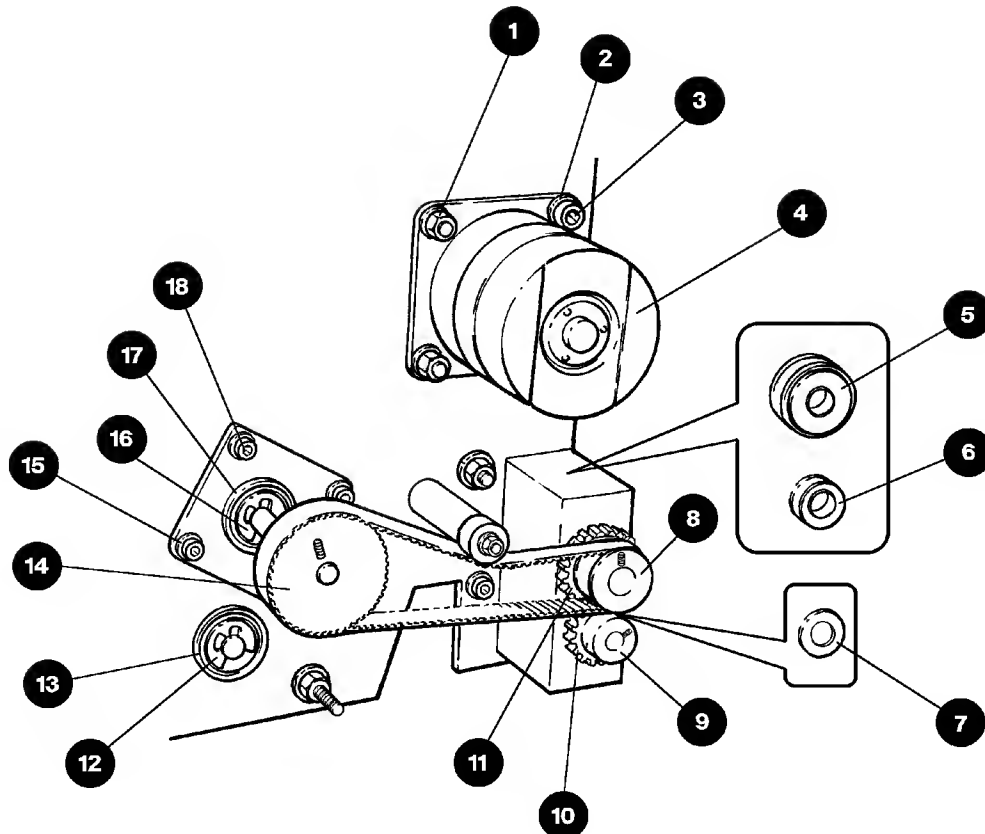


figure 3-8

PARTS LISTING figure 3-8

ITEM No.	PART No.	PART NAME	QUANTITY
1	4853036	NUT M5	4
2	4480146	WASHER 5.3mm	4
3	4279346	SCREW M5X16	4
4	9185296	MOTOR M4 CASSETTE UNLOADING 50Hz	1
.....	9191896	MOTOR M4 CASSETTE UNLOADING 60Hz	1
5	9183841	BEARING	2
6	9185371	BEARING	2
7	4500241	SPRING WASHER 7.0mm	1
8	9185496	PULLEY	1
9	9185426	GEAR	1
10	4500241	SPRING WASHER 7mm	1
11	9185476	GEAR	1
12	4500211	CIRCLIP 10mm	1
13	9185831	BEARING	1
14	9185976	PULLEY	1
15	4278940	SCREW M4X10	4*
.....	4480031	WASHER 4.3mm	4*
16	4500211	CIRCLIP 10mm	1
17	9185831	BEARING	1
18	4280740	SCREW M4X16	4**
.....	4853126	NUT M4	4**

* up to SN 1057

** from SN 1058 and all 60Hz ML700

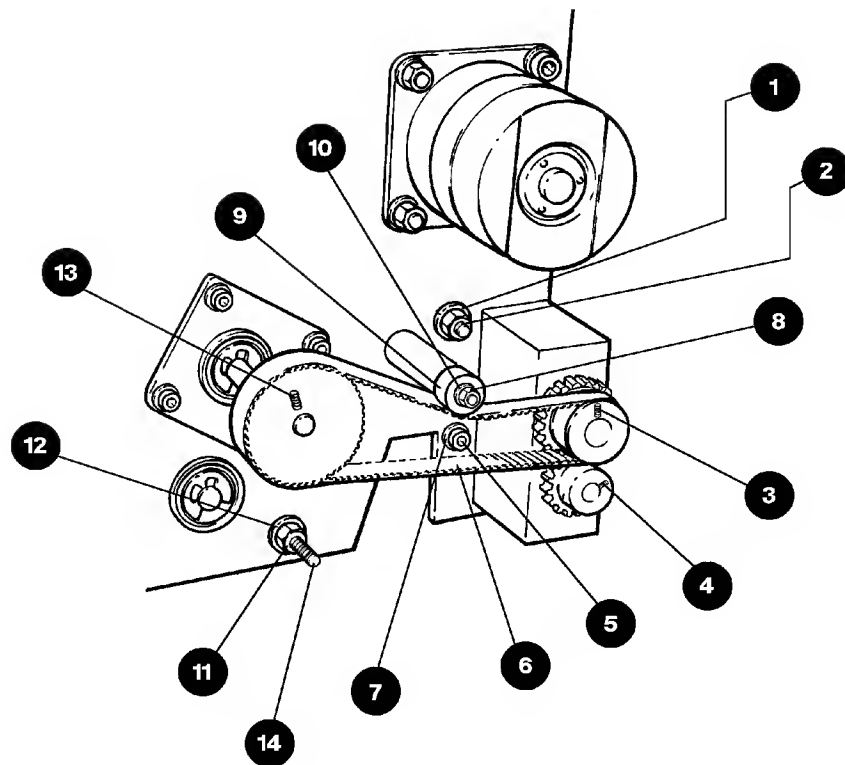


figure 3-9

PARTS LISTING figure 3-9

ITEM No.	PART No.	PART NAME	QUANTITY
1	4480271	WASHER 6.4mm	1
2	4853136	NUT M6	1
3	4276310	GRUB SCREW M4X6	2
4	4276310	GRUB SCREW M4X6	2
5	4279346	SCREW M5X16	2
6	9185646	TIMING BELT	1
7	4480556	WASHER 5.3mm	2
8	4853126	NUT M4	1
9	9185561	BALL BEARING	1
10	4480031	WASHER 4.3mm	1
11	4853131	NUT M6	2
12	4480121	WASHER 6.4mm	2
13	4281581	THREAD PIN M4X8	2
14	4281202	SCREW M6X25	1

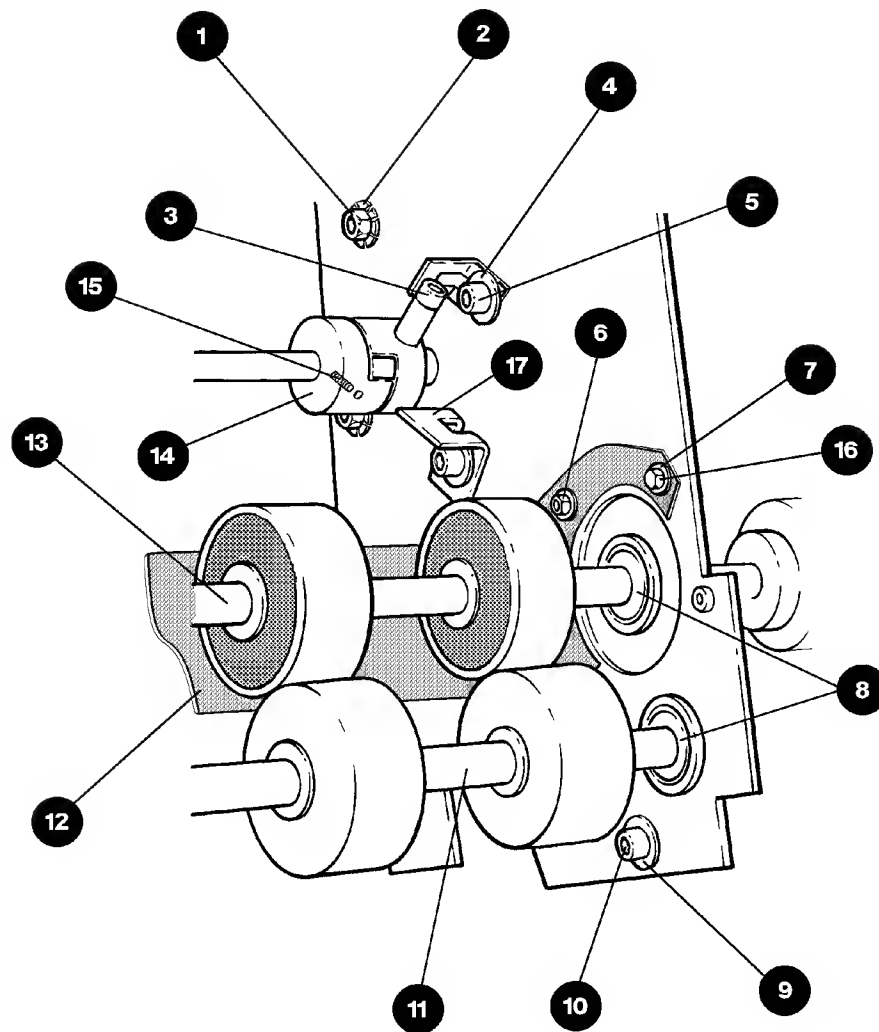


figure 3-10

PARTS LISTING figure 3-10

ITEM No.	PART No.	PART NAME	QUANTITY
1	4853036	NUT M5	4
2	4500421	LOCKWASHER 6.4mm	4
3	4281636	SCREW M5X25	1
4	4480406	WASHER 5.3mm	4
5	4279346	SCREW M5X16	4
6	4853031	NUT M5	2*
7	4480556	WASHER 5.3mm	2*
8	9185831	BEARING	2
9	4480121	WASHER 6.4mm	2
10	4281202	SCREW M6X25	3
11	9185816	SHAFT ASSY	1
12	9194086	GUIDE PLATE	1*
13	9185886	SHAFT ASSY	1
14	9185326	CLUTCH ASSY	1
15	4281581	THREAD PIN M4X8	1
16	4283131	SCREW M5X12	2*
17	9185316	BRACKET	2

* from SN 1058 and all 60Hz ML700

MOTOR M5, SOLENOID VALVES SV1 AND SV2
ARE INTENTIONALLY NOT SHOWN

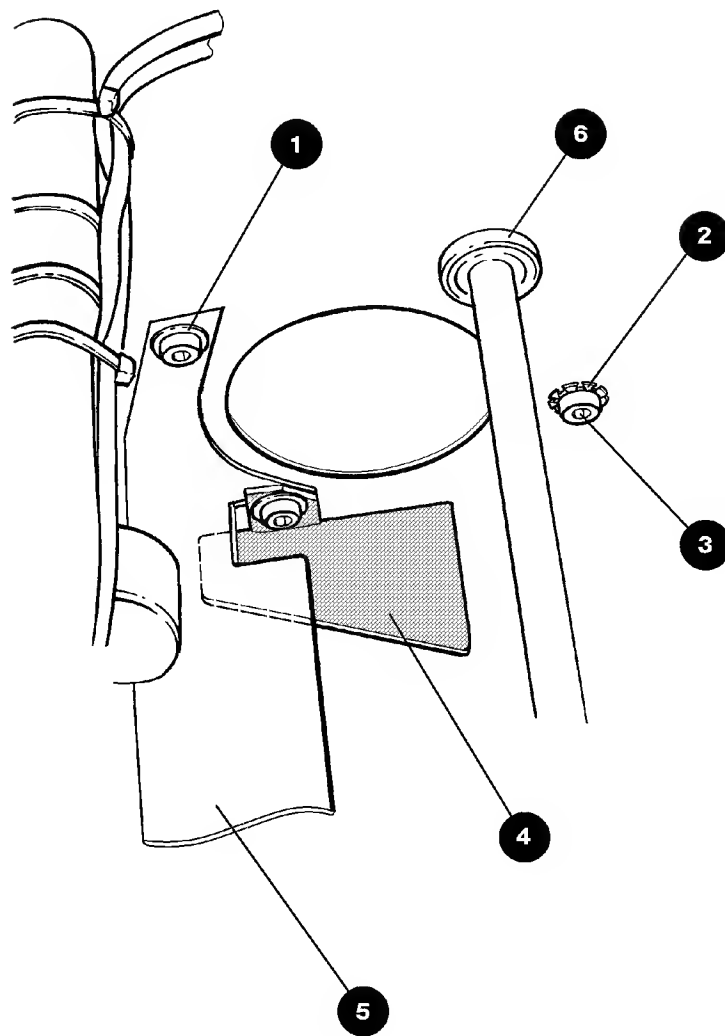


figure 3-11

PARTS LISTING figure 3-11

ITEM No.	PART No.	PART NAME	QUANTITY
1	4480556	WASHER 5.3mm	2
2	4500441	LOCKWASHER 8.4mm	3
3	4283131	SCREW M5X12.....	3
4	9191666	GUIDE PLATE.....	1
5	9194086	GUIDE PLATE.....	1
6	9213071	BEARING	2

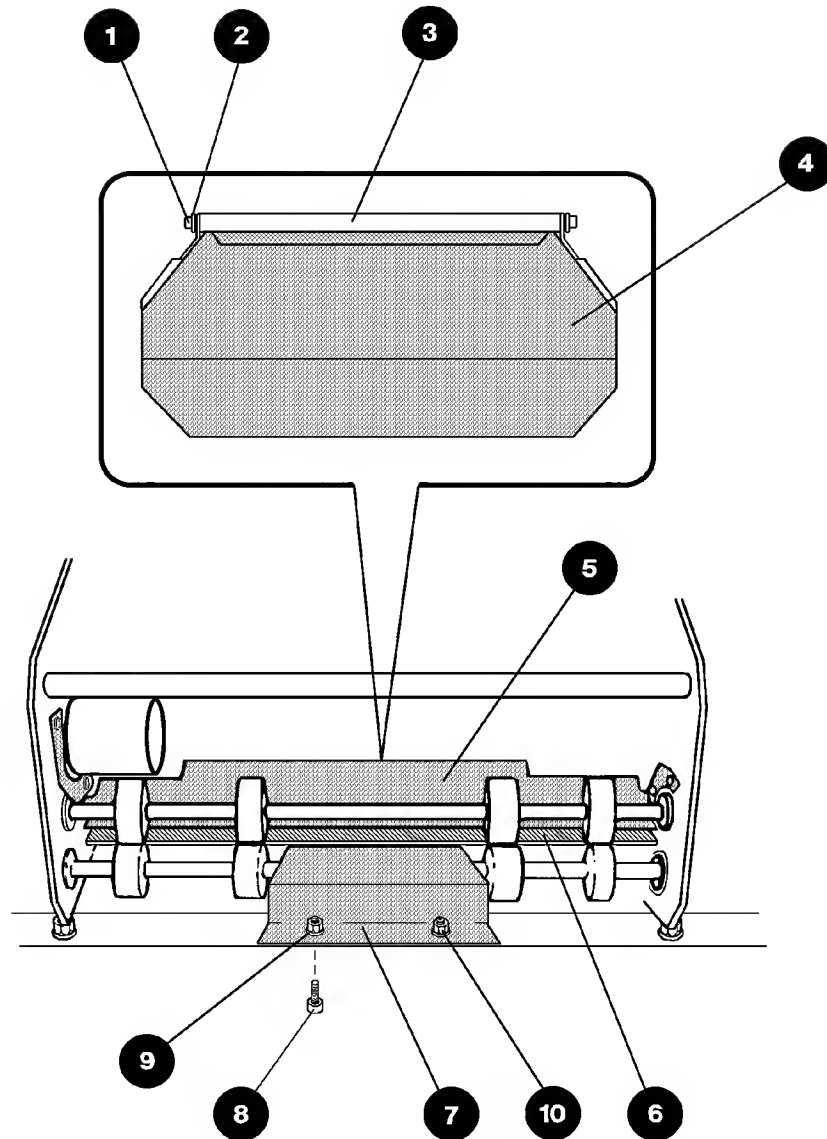


figure 3-12

PARTS LISTING figure 3-12

ITEM No.	PART No.	PART NAME	QUANTITY
1	4282781	SCREW M3X10.....	2
2	4470106	WASHER 3.2mm	2
3	9191501	SHAFT	1
4	9191561	GUIDE PLATE.....	1
5	9194086	GUIDE PLATE.....	1
6	9185786	GUIDE PLATE.....	1
7	9191556	PLATE	1
8	4282806	SCREW M4X16.....	2
9	4480031	WASHER 4.3mm	2
10	4853231	NUT M4	2

CHAPTER 4

FILMPOCKET

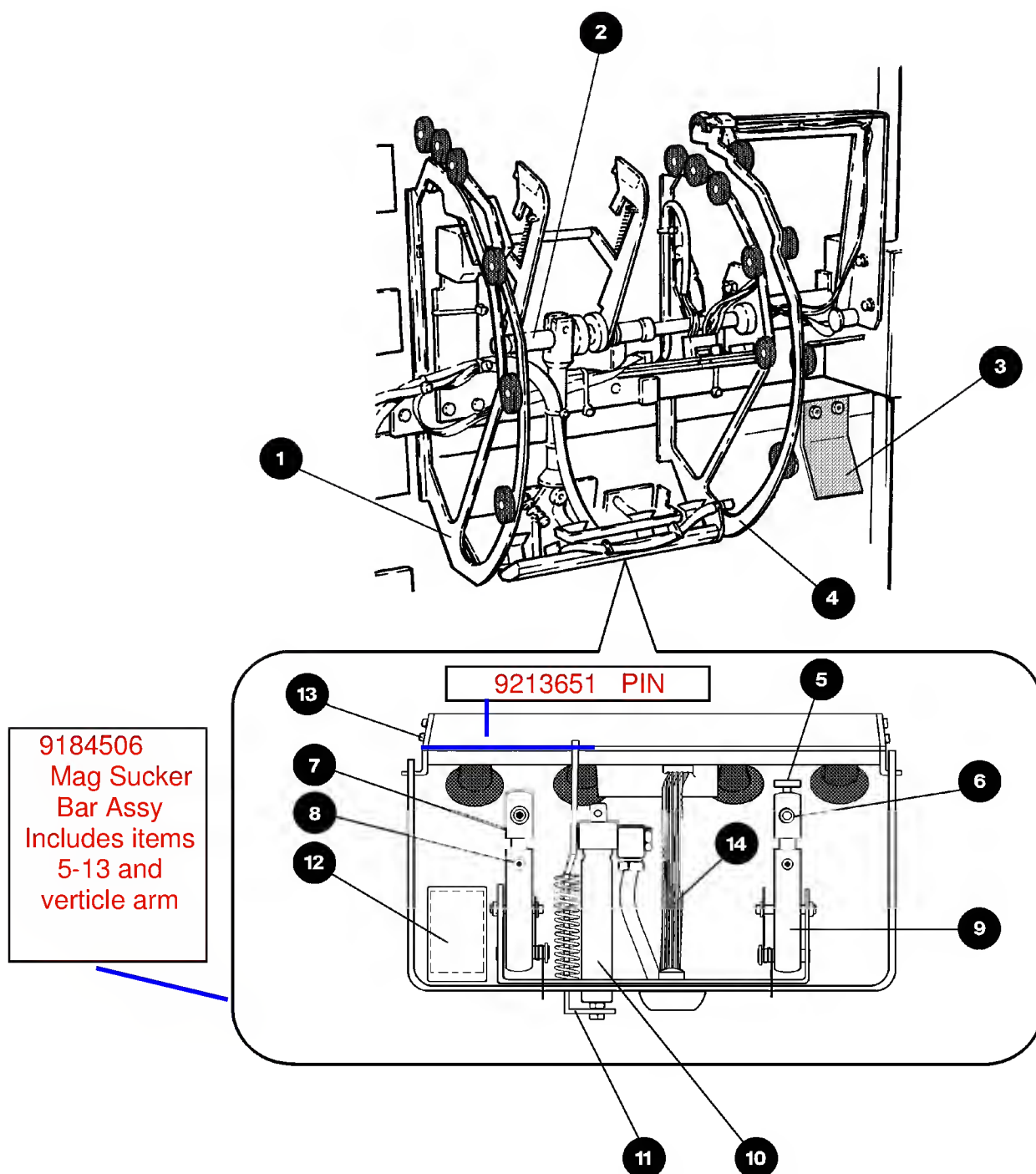


figure 4-1

PARTS LISTING figure 4-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9192346	FILM HOLDER ASSY RH	1
2	9183866	SHAFT	1
3	9184446	FILM GUARD	1
4	9192336	FILM HOLDER ASSY LH	1
5	4283401	SCREW M3X8	2
6	9199016	BLOWPIPE	2
7	9199051	BLOWPIPE MOUNT	2
8	4278290	THREAD PIN M3X3	2
9	9199041	EXTENSION	2
10	9185056	PNEUMATIC CYLINDER	1
11	9182016	BRACKET/SPRING ASSY	1
12	9182156	MIRROR	1
13	4301430	SCREW 3X12	4
14	9199186	RIBBON CABLE ASSY	1

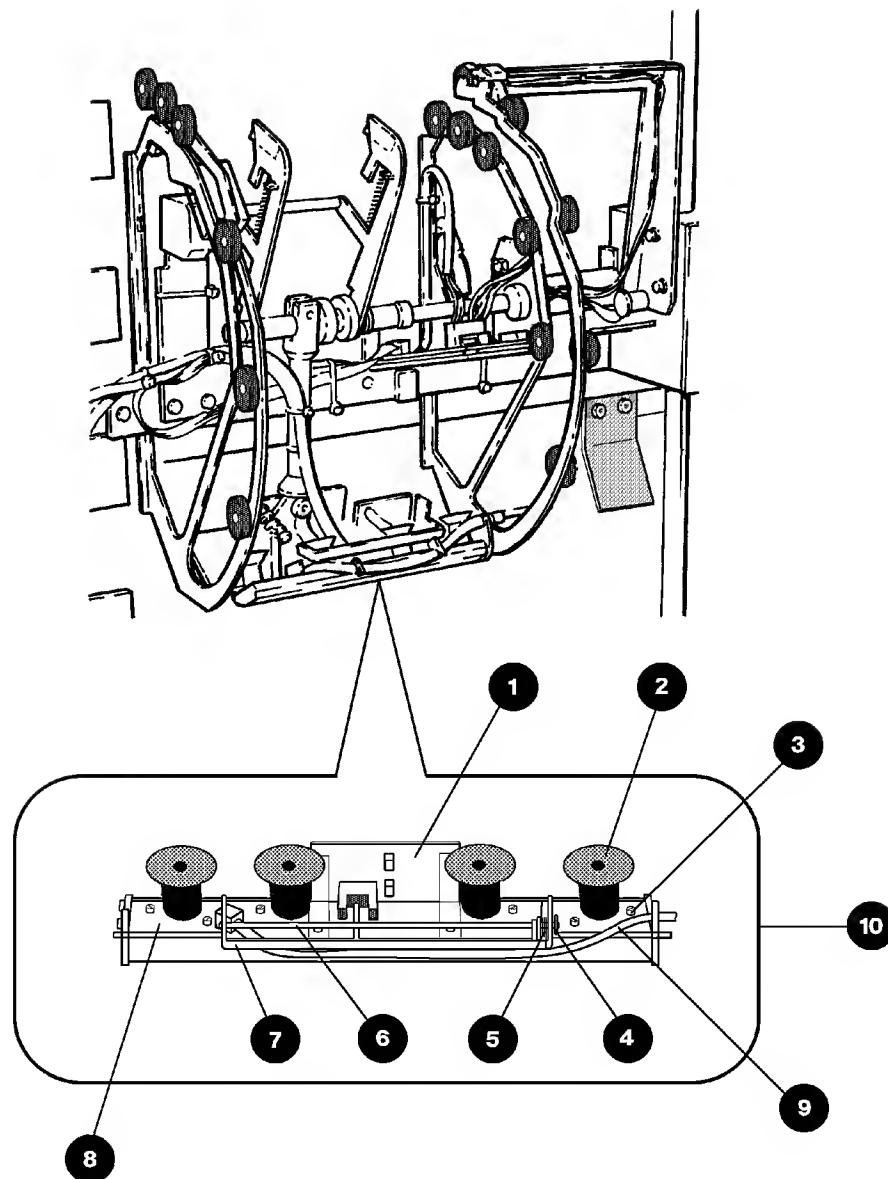


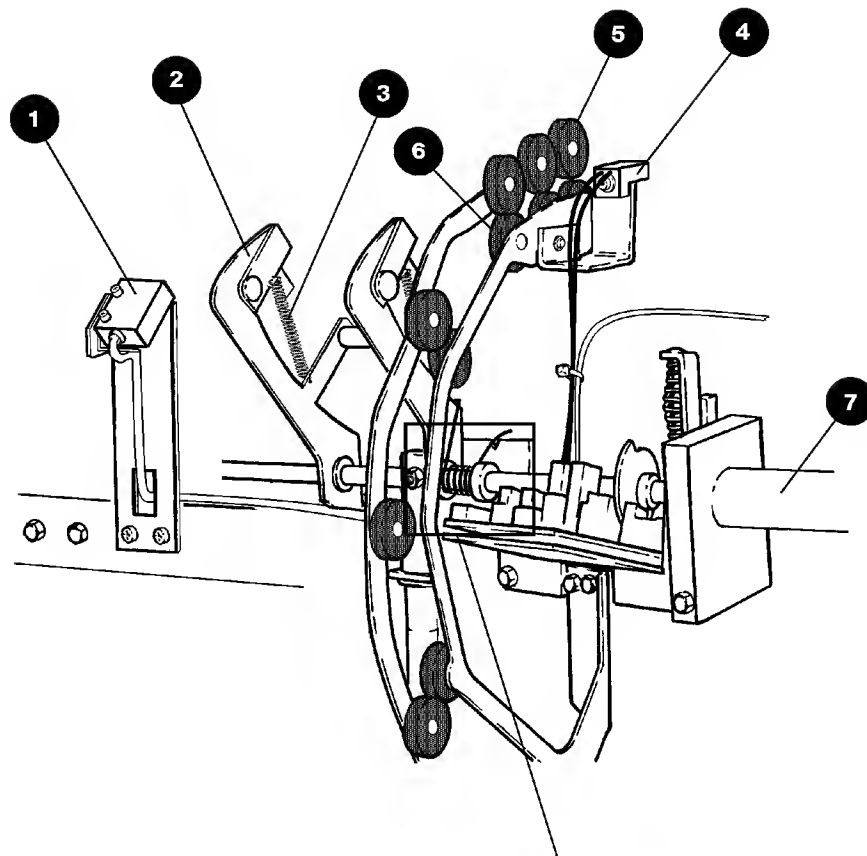
figure 4-2

PARTS LISTING figure 4-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9184886	PCB A11 FILM SENSOR	1
2.....	9184847	SUCKER	4
3.....	4302221	SCREW 2.5X6.....	9
4.....	4500541	CIRCLIP 7mm	4
5.....	9184936	SPRING.....	1
6.....	9184891	SHAFT	1
7.....	9184916	SENSOR BRACKET.....	1
8.....	9184686	SUCKERBAR.....	1
9.....	9185041	HOSE.....	1*
10	9184506	SUCKERBAR ASSEMBLY COMPLETE use 9184689	1

*Note:

Quantity of 1 = longest length used in ML700

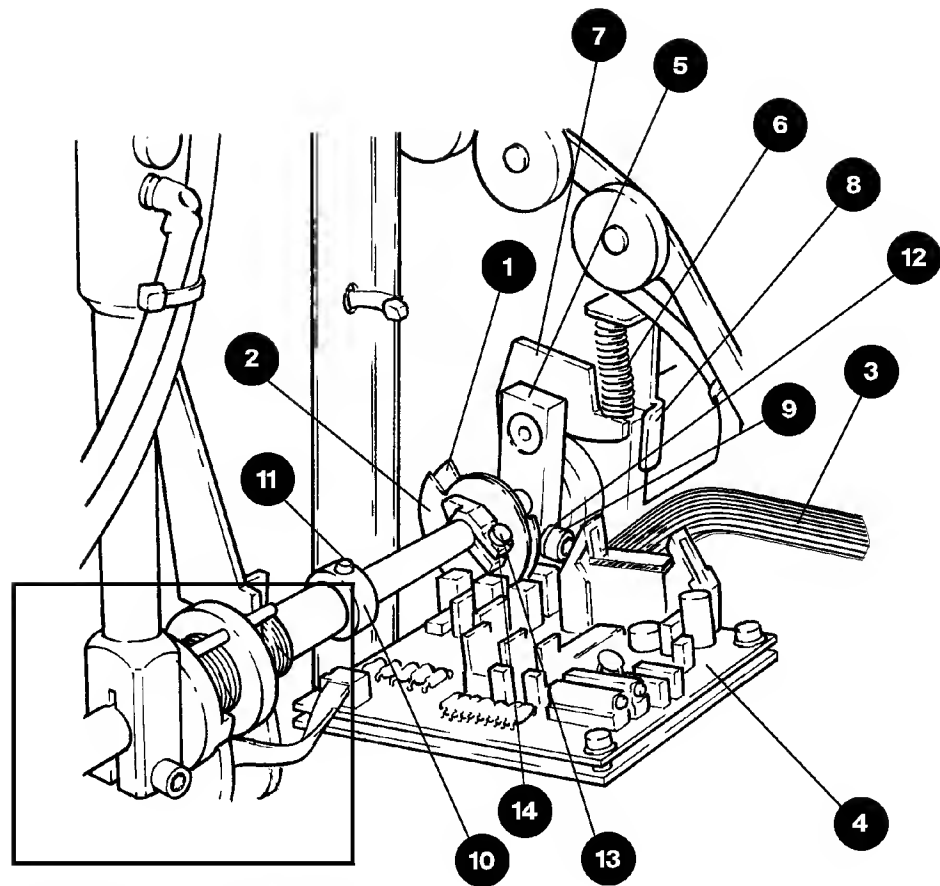


**This type of CLUTCH is
superseded by MOD 19**

figure 4-3

PARTS LISTING figure 4-3

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9182216	PHOTOCELL ASSY B10	1
2.....	9184436	FILM REJECTER ASSY	2
3.....	9185076	SPRING.....	2
4.....	9184406	PHOTOCELL ASSY B14	1
5.....	9212941	O-RING-RUBBER.....	12
6.....	9184396.....	RUBBER RING F O A M	12
7.....	9183826	GUIDE	1



This type of CLUTCH is superseded by MOD 19

figure 4-4

PARTS LISTING figure 4-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183946	TIMING DISK - R I G H T	1
2	9183956	TIMING DISK - L E F T	1
3	9190306	RIBBON CABLE.....	1
4	9184270	PCB A7 FILM POCKET.....	1
5	9183916	HOLDER ASSY.....	1
6	9229880	SPRING.....	1
7	9183761	DETENT	1
8	9183886	BRACKET	1
9	4279346	SCREW M5X16.....	1
10	4440021	COLLAR	1
11	4276310	GRUB SCREW M4X6	1
12	4480171	WASHER 5.3mm	1
13	4283301	SREW M3X8	2
14	4470100	WASHER 3.2mm	2

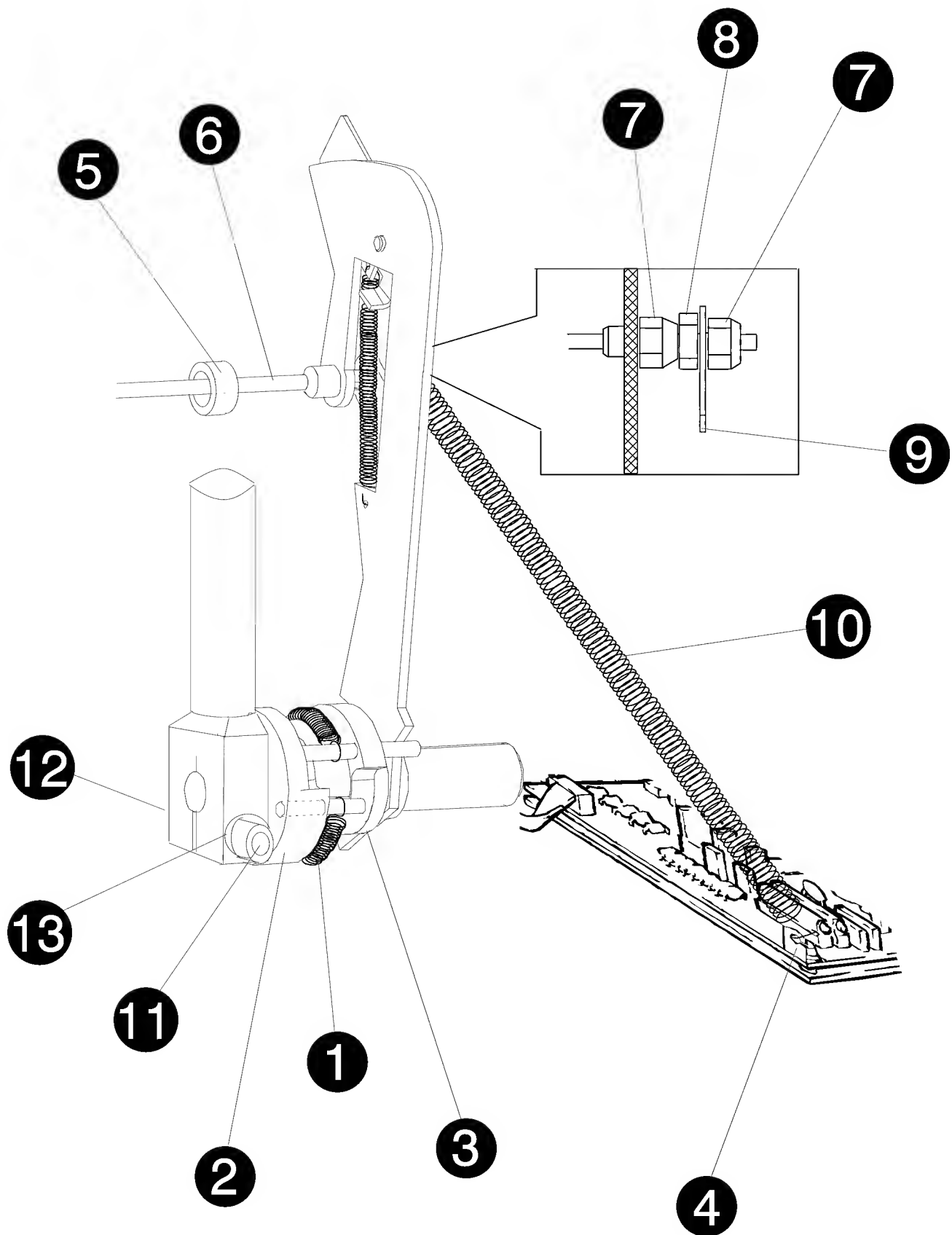


figure 4-5

PARTS LISTING figure 4-5**NOTE**

This new CLUTCH is introduced with modification 19.

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9225780	SPRING, CLUTCH	1
2.....	9215803	CLUTCH DISK 1	1
3.....	9215793	CLUTCH DISK 2	1
4.....	9219851	SPRING HOOK 2	1
5.....	4527541	GROMMET	1
6.....	9184541	CONNECTION ROD	1
7.....	4853256	NUT M4	3
8.....	4853236	NUT M4	1
9.....	9219841	SPRING HOOK 1	1
10	9219831	SPRING	1
11	4281636	SCREW M5X25	1
12	4853031	NUT M5	1
13	4480171	WASHER 5.3mm	1

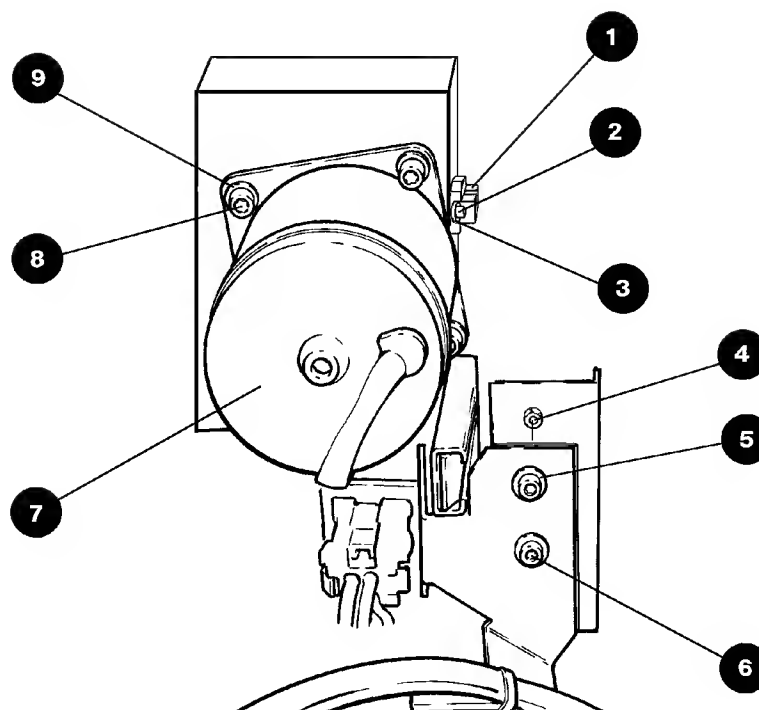


figure 4-6

PARTS LISTING figure 4-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	9190916	PHOTOCELL ASSY B15	1
2	4279040	SCREW M3X8	2
3	4470106	WASHER 3.2mm	2
4	4852011	NUT M3	2
5	4480326	WASHER 3.2	2
6	4279040	SCREW M3X8	2
7	9183966	MOTOR M7 MAG. FILM PICK UP 50Hz	1
.....	9191876	MOTOR M7 MAG. FILM PICK UP 60Hz	1
8	4279140	SCREW M4X12	4
9	4480031	WASHER 4.3mm	4

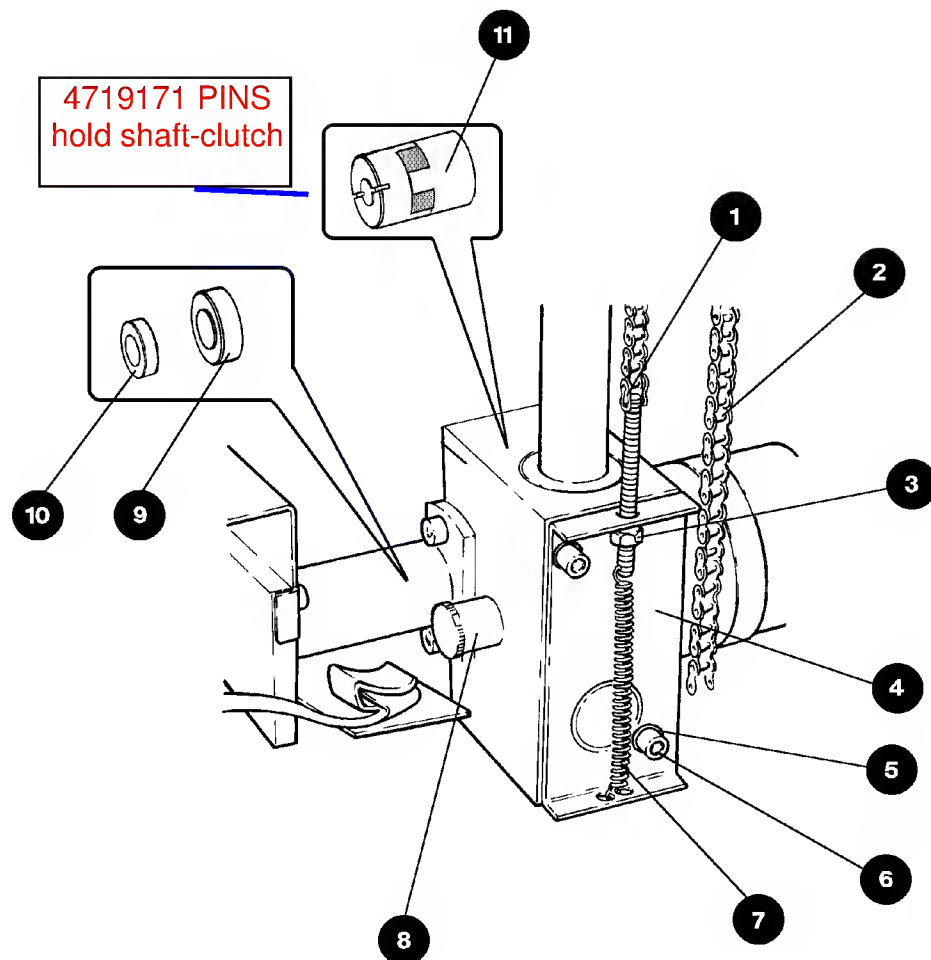


figure 4-7

PARTS LISTING figure 4-7

ITEM No.	PART No.	PART NAME	QUANTITY
1	9184171	CHAIN LINK	1
2	9184186	CHAIN	1
3	4853036	NUT M5	2
4	9183806	FILM POCKET ASSY WITH SHAFT	1
5	4480171	WASHER 5.3mm	1
6	4280611	SCREW M5X12	1
7	9183701	SPRING	1
8	9183791	LUBRICATOR	1
9	9183831	BEARING	1
10	9183841	BEARING	1
11	9183976	CLUTCH	1

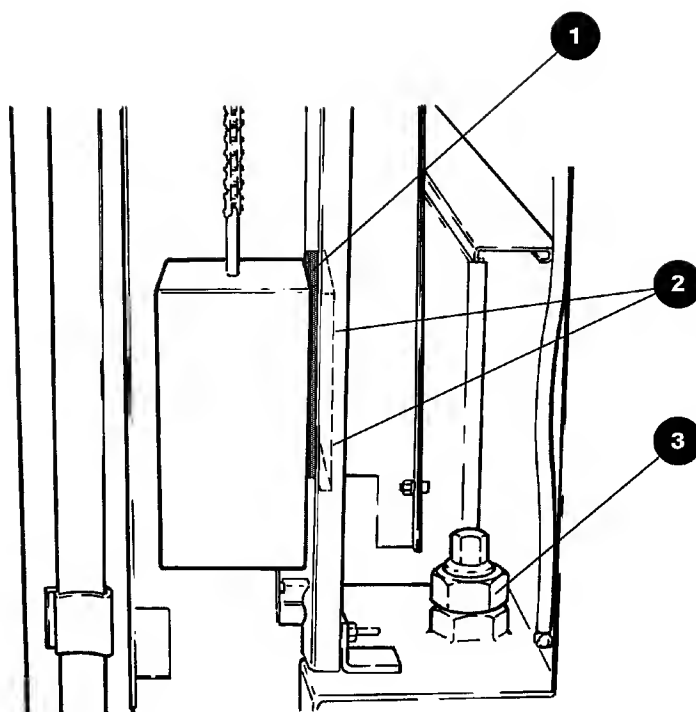


figure 4-8

PARTS LISTING figure 4-8

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9184076	GUIDE SHOE	1
2.....	4282981	SCREW M5X20.....	2
3.....	9180381	CASTER	3

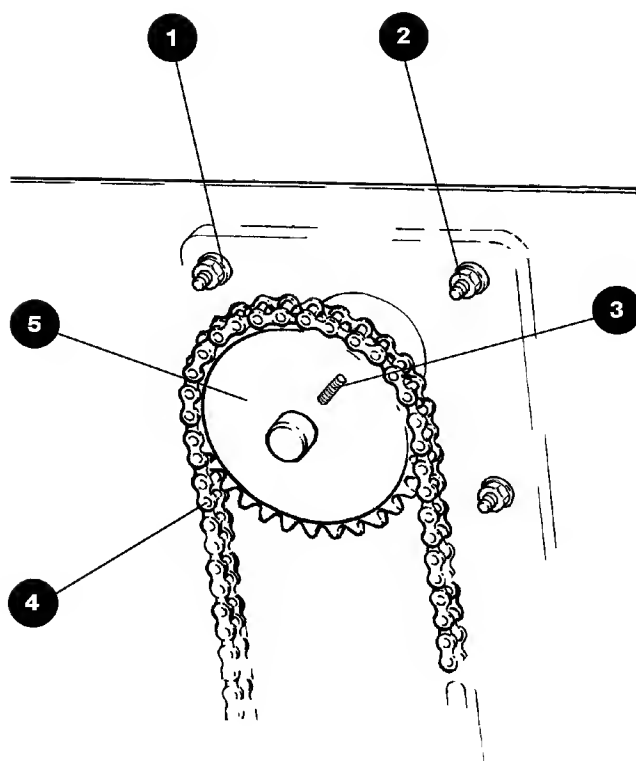


figure 4-9

PARTS LISTING figure 4-9

ITEM No.	PART No.	PART NAME	QUANTITY
1	4500146	LOCKWASHER 4.3mm	4
2	4854131	NUT	4
3	4282660	THREAD PIN M6X12	2
4	9184186	CHAIN	1
5	9184136	SPROCKET WHEEL	1

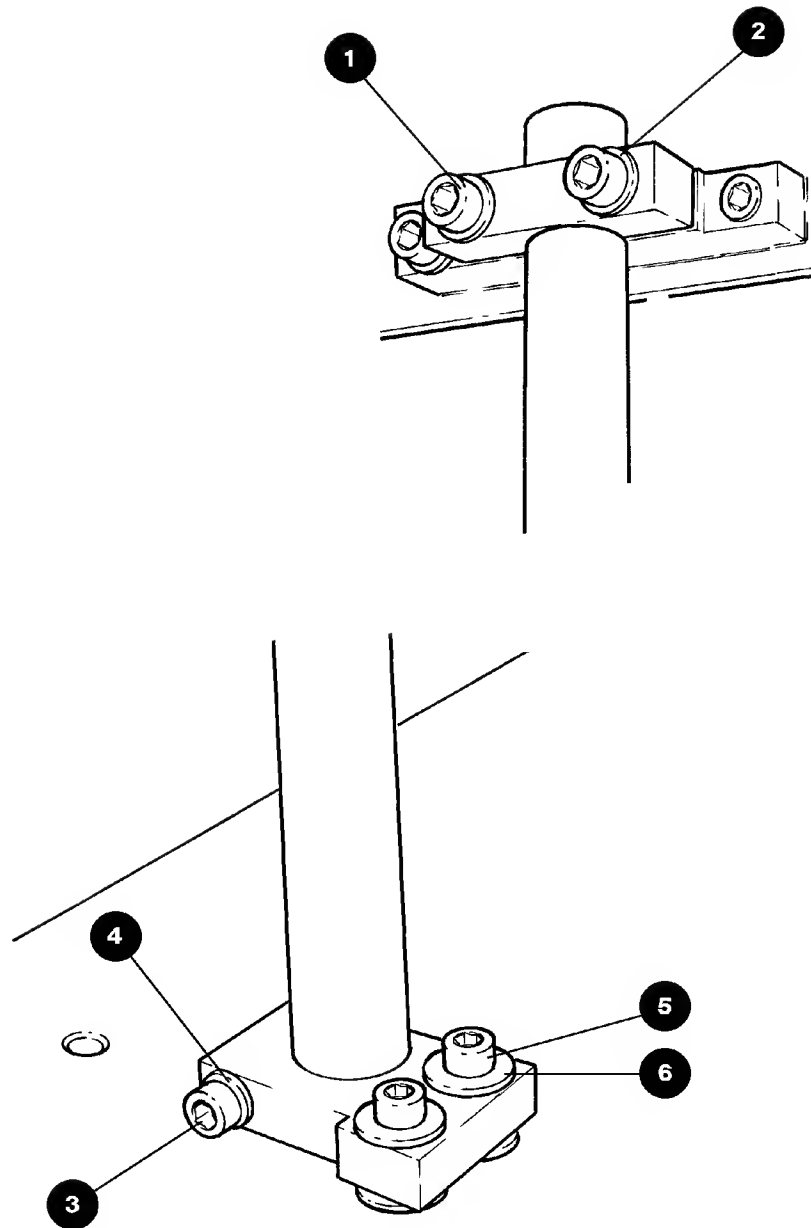


figure 4-10

PARTS LISTING figure 4-10

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	4281202	SCREW M6X25.....	4
2.....	4480121	WASHER 6.4mm	5
3.....	4280540	SCREW M6X30.....	1
4.....	4480121	WASHER 6.4mm	1
5.....	4281202	SCREW M6X25.....	2
6.....	4480271	WASHER 6.4mm	4

CHAPTER 5

MAGAZINE OPENER

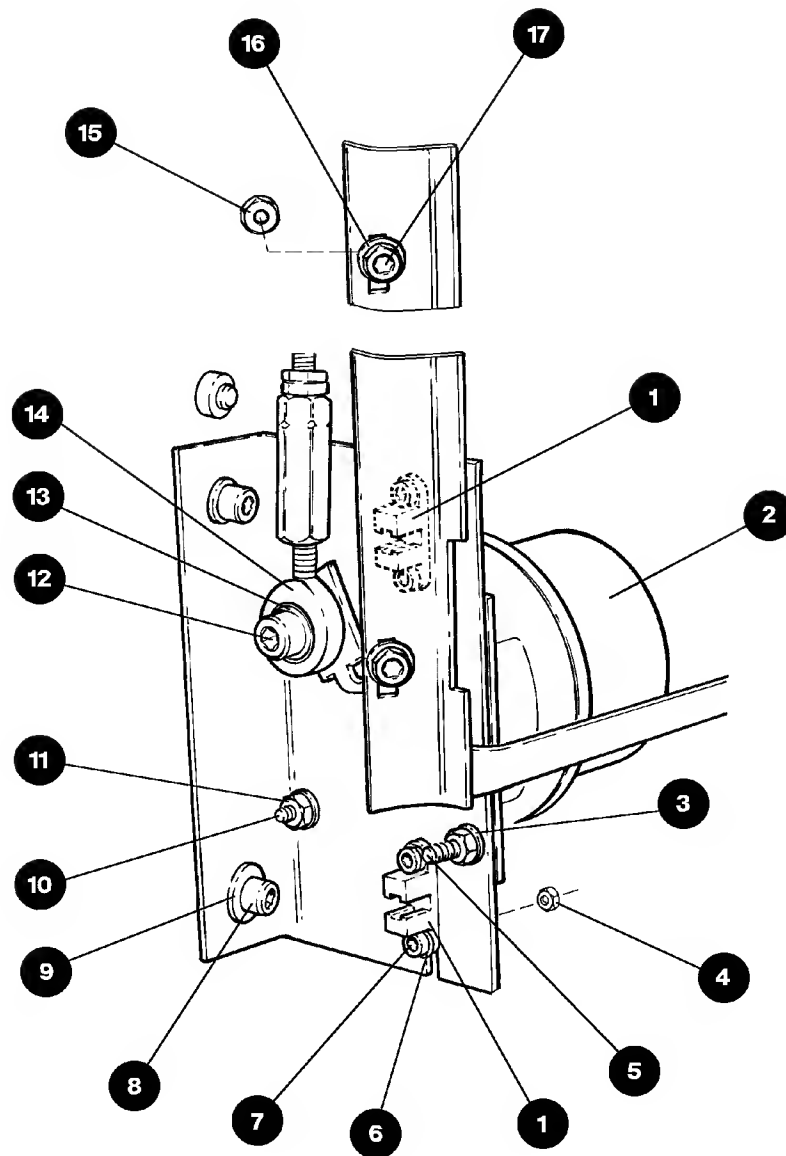


figure 5-1

PARTS LISTING figure 5-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9181886	PHOTOCELL B20, B21	2
2	9180966	MOTOR M6 MAGAZINE OPENING 50Hz	1
.....	9191836	MOTOR M6 MAGAZINE OPENING 60Hz	1
3	4480031	WASHER 4.3mm	4
4	4852011	NUT M3	2
5	4281661	SCREW M4X20	2
6	4470101	WASHER 3.2mm	2
7	4279040	SCREW M3X8	2
8	4280440	SCREW M6X20	2
9	4480031	WASHER 4.3mm	2
10	4278940	SCREW M4X10	2
11	4853126	NUT M4	4
12	4280440	SCREW M6X20	1
13	4480121	WASHER 6.4mm	1
14	9180926	GUIDE RAIL JOINT	1
15	4852011	NUT M3	3
16	4480326	WASHER 3.2mm	6
17	4279040	SCREW M3X8	3

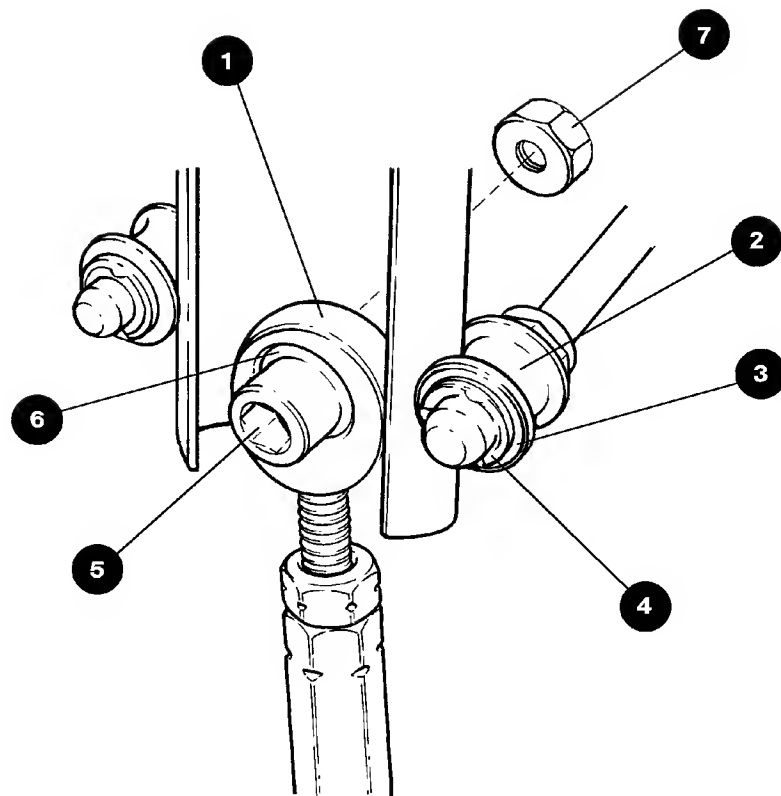


figure 5-2

PARTS LISTING figure 5-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9180936	GUIDE RAIL JOINT	1
2	9180811	ROLLER	4
3	4480146	WASHER 5.3mm	4
4	4499840	CIRCLIP 4.0mm	4
5	4280440	SCREW M6X20	1
6	4480121	WASHER 6.4mm	1
7	4850311	NUT M6	1

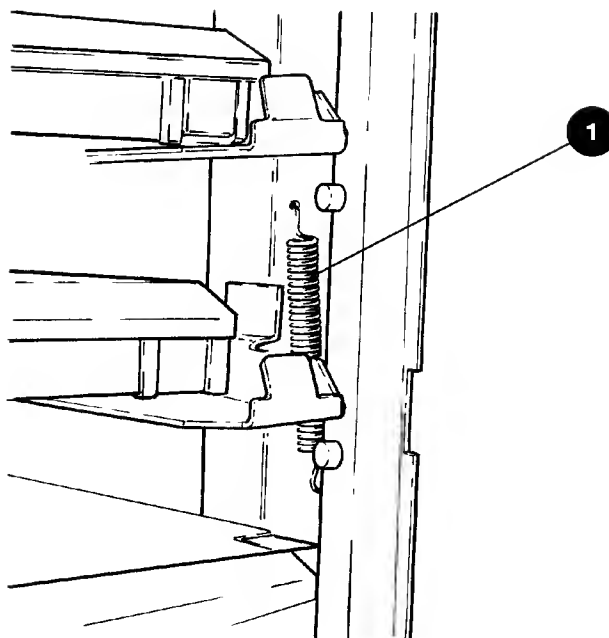


figure 5-3

PARTS LISTING figure 5-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9181011	SPRING	1

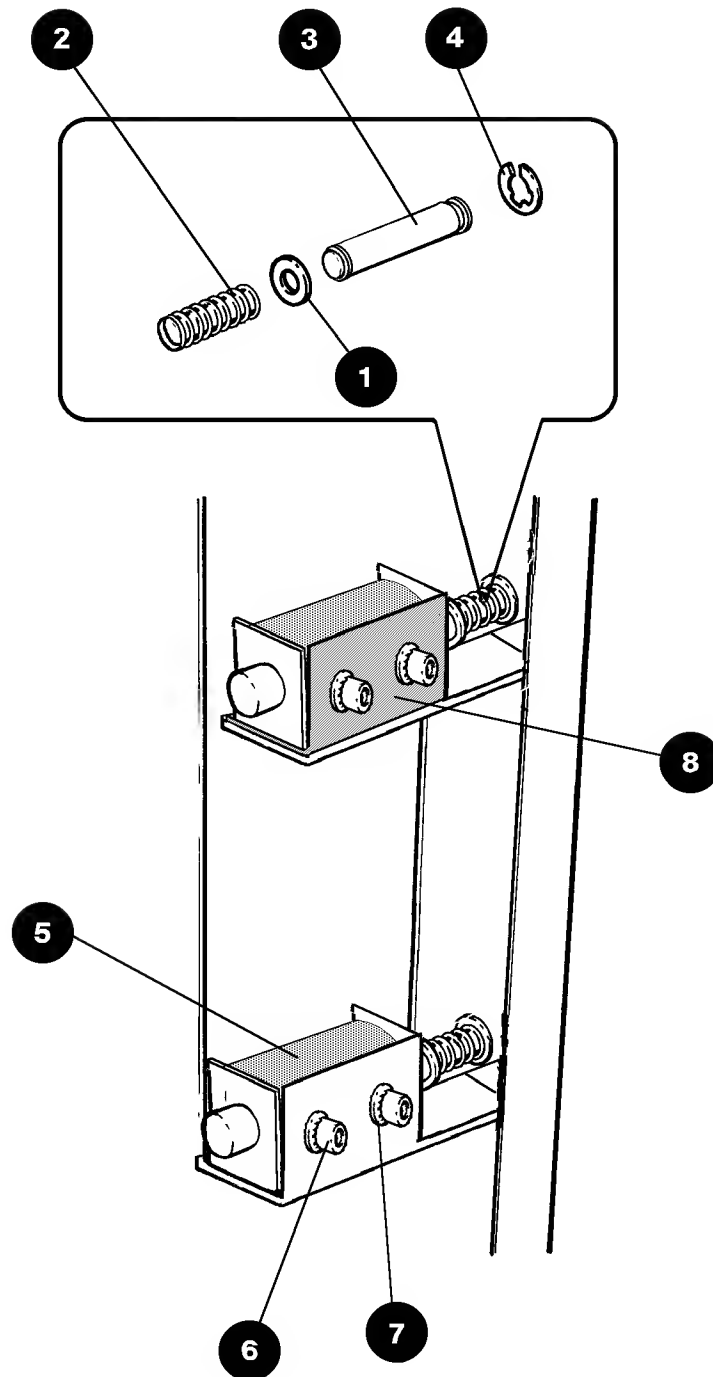


figure 5-4

PARTS LISTING figure 5-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	4497710	WASHER 4.3mm	7
2	9180886	SPRING	7
3	9180871	OPENER	7
4	4499740	CIRCLIP 3.2mm	7
5	9180906	SOLENOID	7
6	4283371	SCREW M3X4	14
7	4470101	WASHER 3.2mm	14
8	9196016	SOLENOID MOUNTING BRACKET	1

NOTE

If at older ML700 the SOLENOID 9180906 cannot be mounted in MAGAZINE POSITION NO. 1 use the SOLENOID MOUNTING BRACKET 9196016 as adapter. This BRACKET is not needed in other magazine positions and in new ML700.

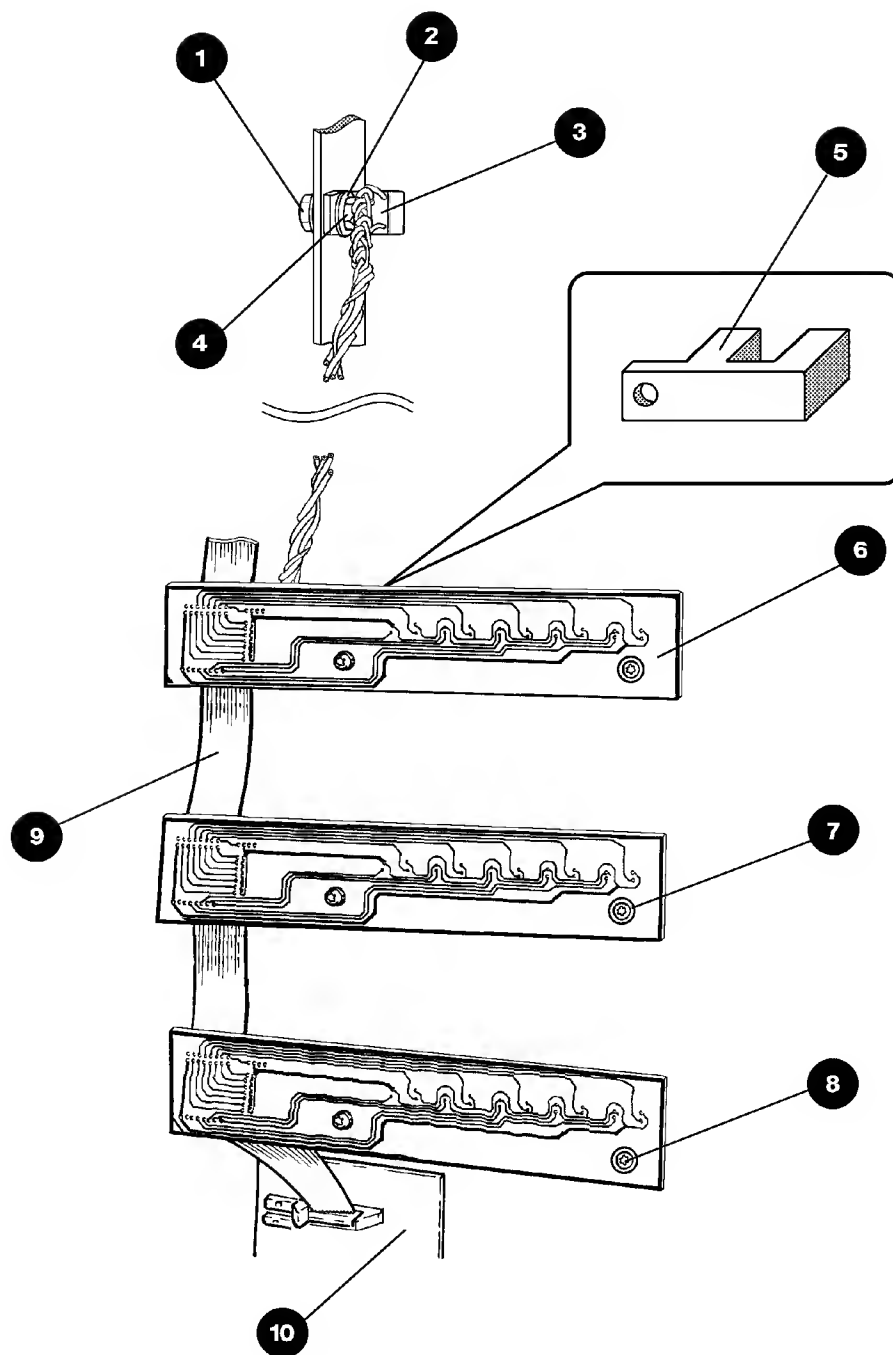


figure 5-5

PARTS LISTING figure 5-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	4279040	SCREW M3X8.....	7
2	4470101	WASHER 3.2mm	14
3	9180751	PHOTOCELL B27.....	7
4	4852011	NUT M3	7
5	4521821	PHOTOCELL	5
6	9180646	PCB A6 MAGAZINE SIZE SENSOR.....	7
7	4480326	WASHER 3.2mm	14
8	4301951	SCREW 2.9X6.5	14
9	9190136	RIBBON CABLE.....	1
10	9187306	PCB A5 MAGAZINE SIZE DECODER.....	1

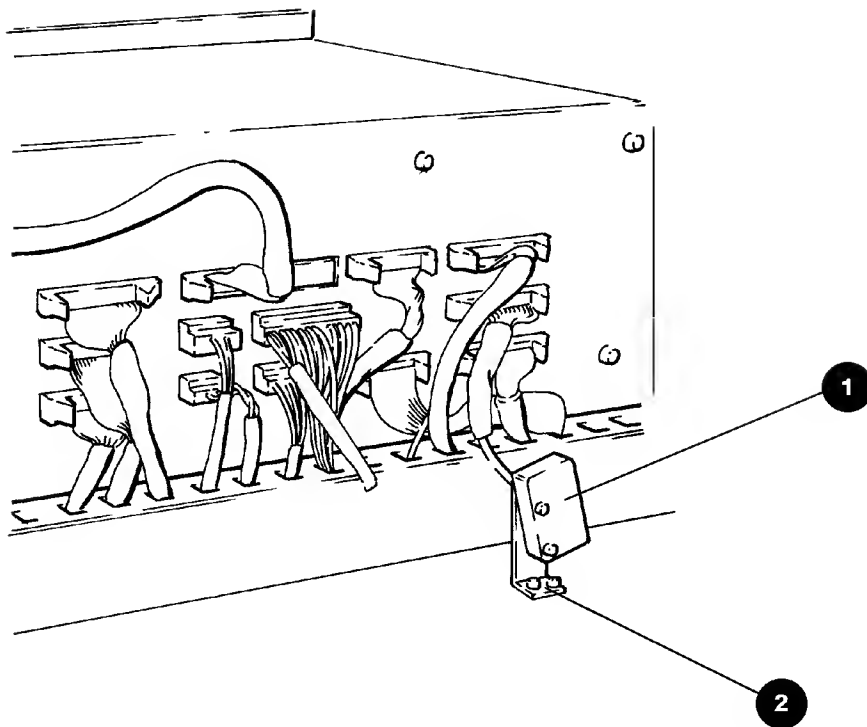


figure 5-6

PARTS LISTING figure 5-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	9182216	PHOTO SENSOR ASSY B30	1
2	9187626	HOLDER.....	1

CHAPTER 6

PNEUMATIC

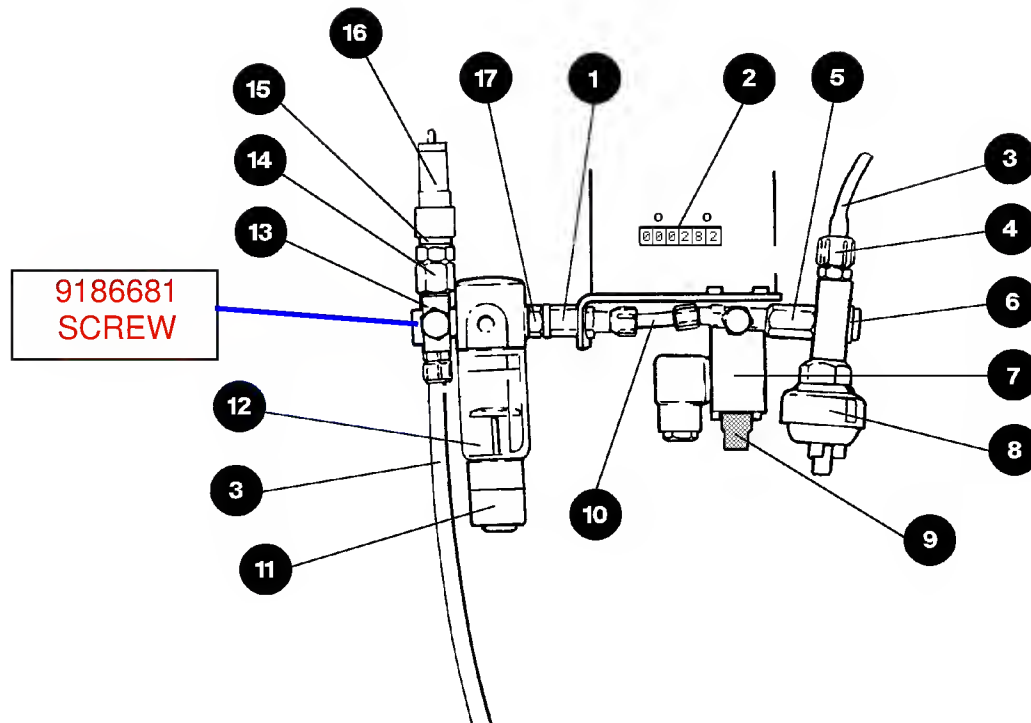


figure 6-1

PARTS LISTING figure 6-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9186616	CONNECTOR	1
2	9229756	COUNTER	1
3	9220160	HOSE 6X8	1*
4	9196491	COUPLING	1
5	9186646	CHECK VALVE	1
6	8269750	SEAL	5
7	9186636	SOLENOID VALVE SV7	1
8	9186676	MANOMETRIC SWITCH S28	1
9	9186656	MUFFLER	1
10	9220160	HOSE 6X8	1*
11	9226180	FELT RING	2
12	9186556	WATER TRAP use 9285666	1
	9186550	REPAIR KIT, WATER TRAP no longer available	—
13	9186561	T-COUPLING	1
14	9186961	COUPLING	2
15	9186866	SEAL	1
16	9191616	SAFETY VALVE	1
17	9186601	NIPPLE	1

*Note

Quantity of 1 = longest length used in ML700

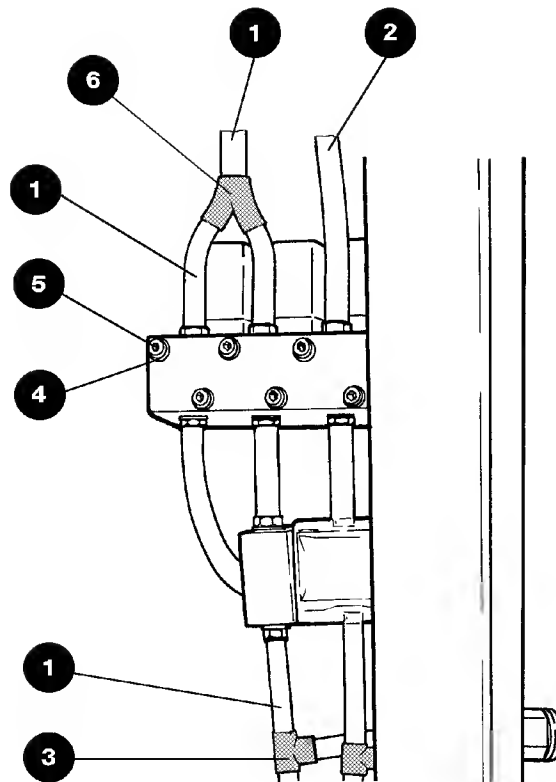


figure 6-2

PARTS LISTING figure 6-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9220150	HOSE 4X6	1*
2.....	9193621	HOSE 4X8 (SILICONE).....	1*
3.....	9186931	T-COUPLING.....	2
4.....	4470106	WASHER 3.2mm	8
5.....	4279040	SCREW M3X8.....	8
6.....	9186991	HOSE COUPLING	1

***Note**

Quantity of 1 = longest length used in ML700

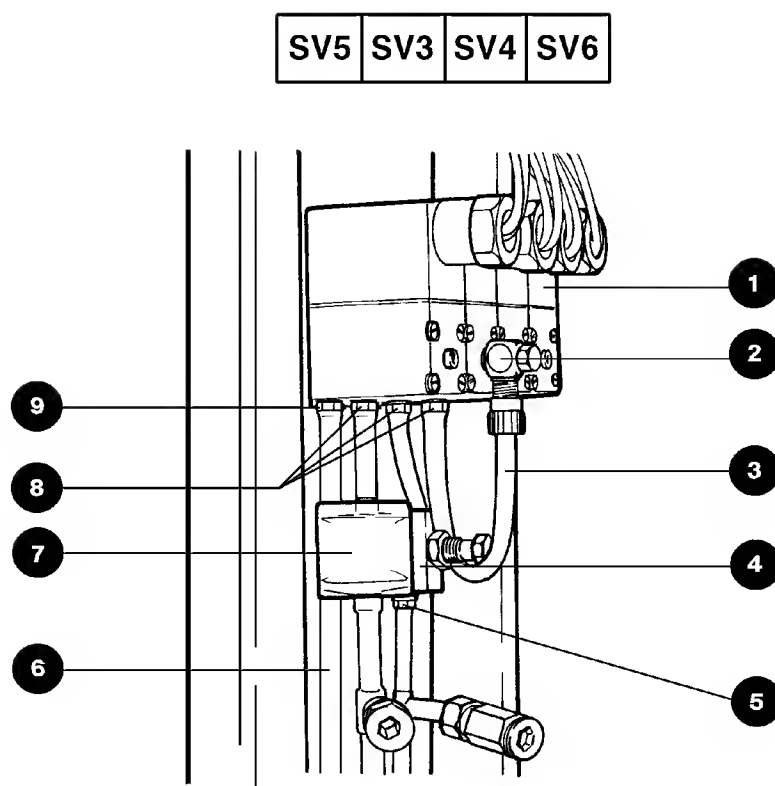


figure 6-3

PARTS LISTING figure 6-3

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9185986.....	SOLENOID VALVE SV3 ... SV6.....	4
2.....	9187221.....	COUPLING.....	1
3.....	9220150.....	HOSE 4X6.....	1*
4.....	9186916.....	REGULATOR.....	1
5.....	9185656.....	NIPPLE WITH SEAL 4mm.....	2
6.....	9220170.....	HOSE 3X4.....	1*
7.....	9186886.....	FILTER.....	1
8.....	9185656.....	NIPPLE WITH SEAL 4mm.....	7
9.....	9185696.....	NIPPLE WITH SEAL 3mm.....	1

*Note

Quantity of 1 = longest length used in ML700

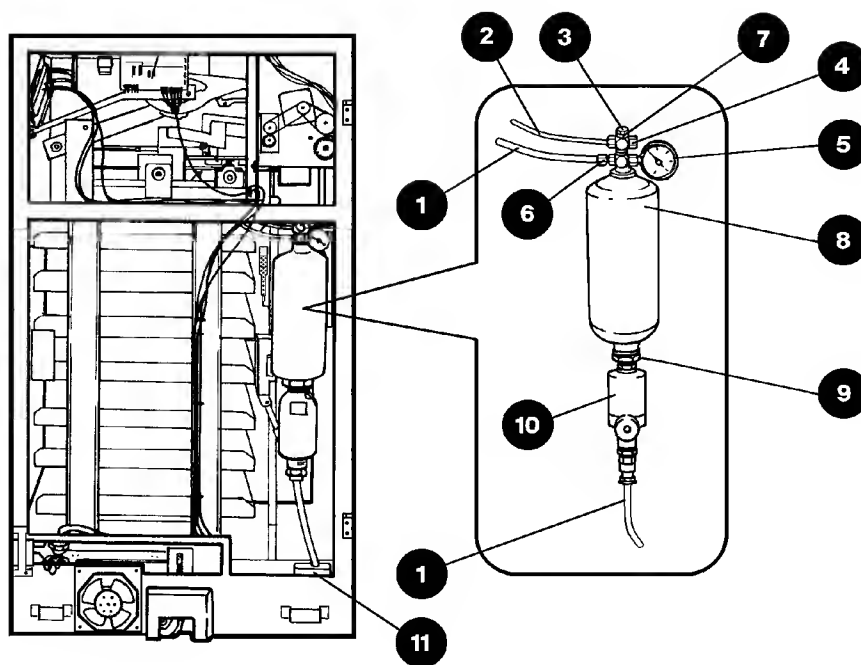


figure 6-4

PARTS LISTING figure 6-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9220160	HOSE 6X8	1*
2	9220150	HOSE 4X6	1*
3	9186821	SCREW	1
4	9186811	COUPLING	1
5	9186786	PRESSURE GAUGE	1
6	9186801	COUPLING	1
7	9186866	SEAL	3
8	9186706	AIR BOTTLE ASSY	1
9	9186726	COUPLING WITH SEAL	1
10	9186766	CONDENSATE DRAIN	1
11	9186341	FELT	2

***Note**

Quantity of 1 = longest length used in ML700

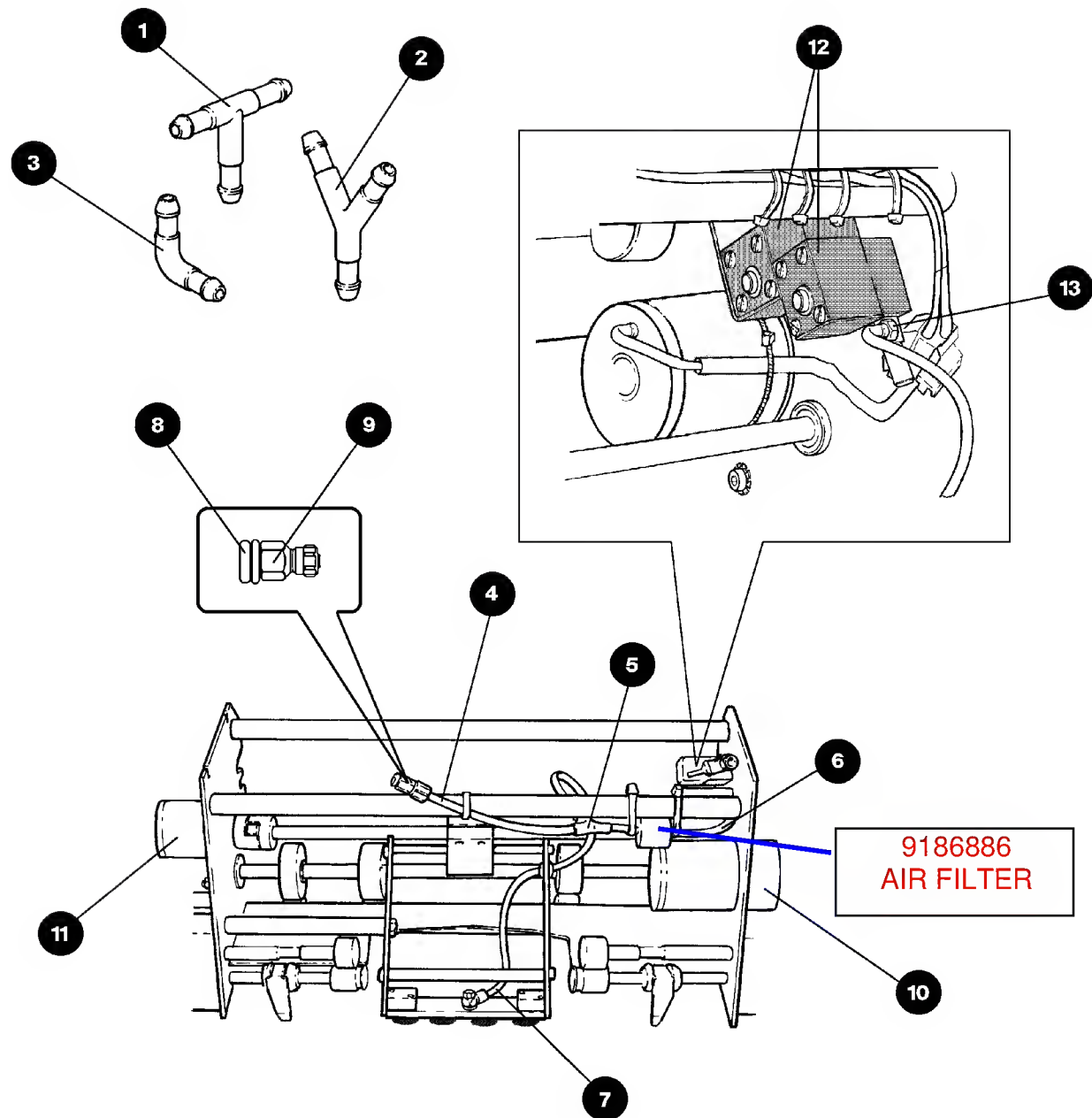


figure 6-5

PARTS LISTING figure 6-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9187101	T-COUPLING	1
2	9187071	Y-COUPLING	1
3	9184671	L-COUPLING	1
4	9220160	HOSE 6X8	1*
5	9186901	HOSE COUPLING	1
6	9193621	HOSE 4X8 (SILICONE)	1*
7	9185736	HOSE 2X4	1*
8	9183526	PLUG	1
9	9183511	COUPLING	1
10	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1
11	9185296	MOTOR M4 CASSETTE UNLOADING 50Hz	1
	9191896	MOTOR M4 CASSETTE UNLOADING 60Hz	1
12	9185986	SOLENOID VALVE	2
13	9185921	REGULATOR	1

***Note**

Quantity of 1 = longest length used in ML700

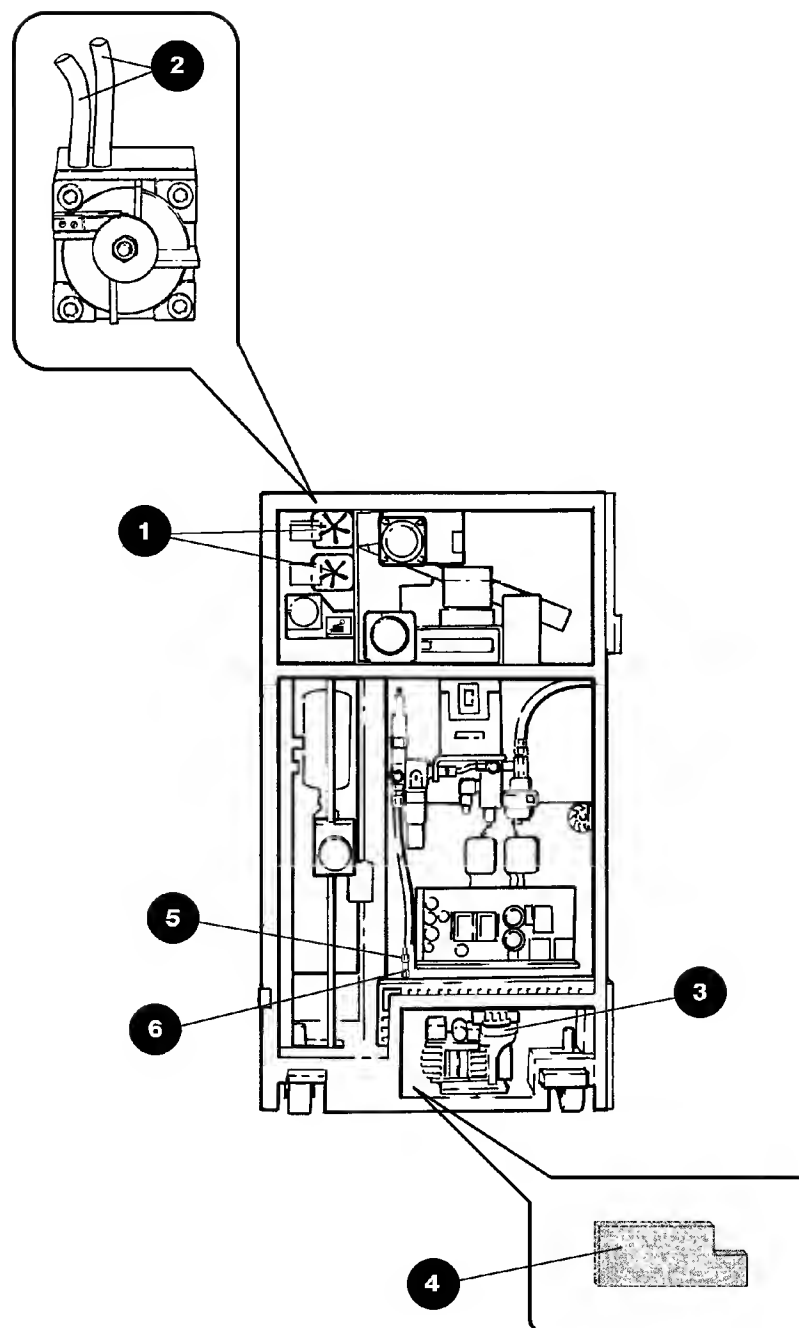


figure 6-6

PARTS LISTING figure 6-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	9187016	VACUUM PUMP 50Hz.....	2
.....	9191826	VACUUM PUMP 60Hz.....	2
2	5001686	HOSE (SILICON)	1*
3	9186486	COMPRESSOR ASSY 50Hz	1
.....	9191816	COMPRESSOR ASSY 60Hz	1
.....	9191406	FAN WHEEL.....	1
4	9187246	AIR FILTER	1
5	9186616	CONNECTOR	1
6	9183696	COUPLING	1

*Note

Quantity of 1 = longest length used in ML700

CHAPTER 7

POWER SUPPLY

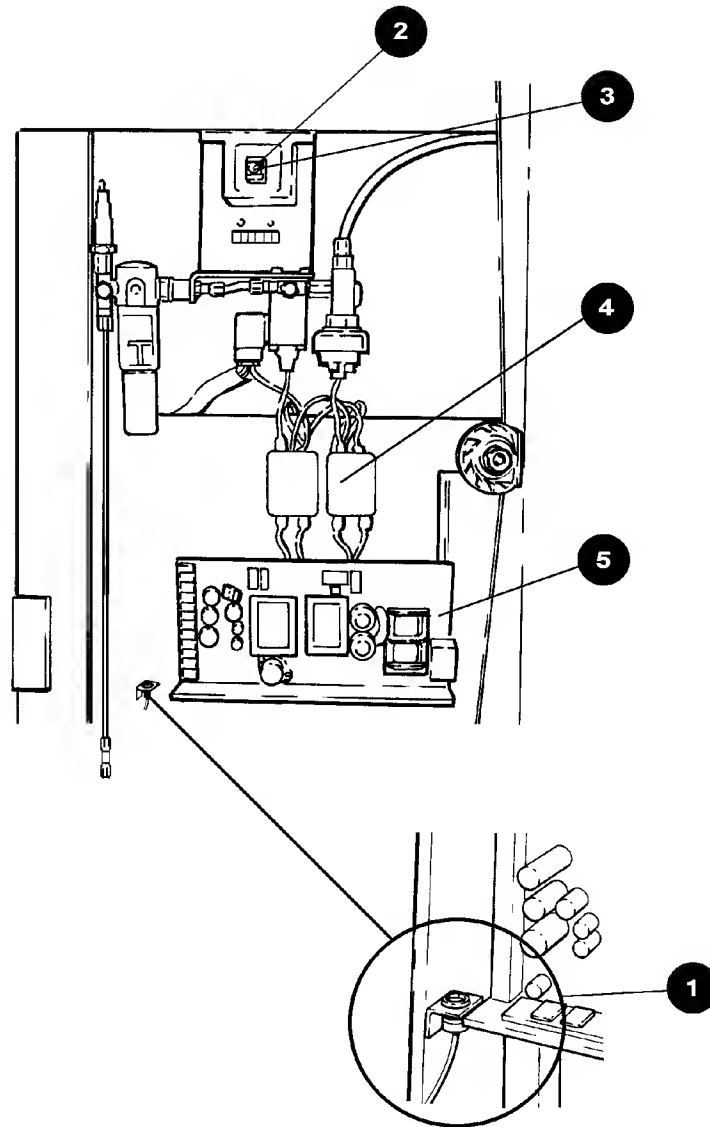


figure 7-1

PARTS LISTING figure 7-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	4528301	FUSE HOLDER 60Hz ONLY	1
.....	4526611	FUSE CAP 60Hz ONLY	1
.....	4528401	FUSE 5A 60Hz ONLY	1
2	G9901918	SERVICE KEY	—
3	9180176	INTERLOCK SWITCH S23	1
4	9180686	NOISE FILTER.....	2
5	9191906	POWER SUPPLY	1

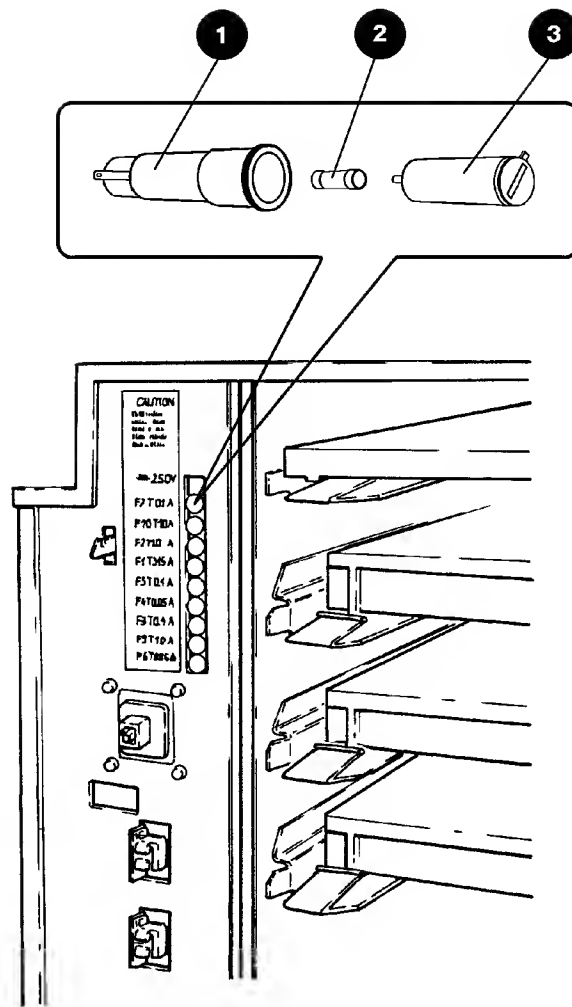


figure 7-2

PARTS LISTING figure 7-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	4526501	FUSEHOLDER	9
2.....	4526031	FUSE 50 Hz F1, F2 0.315A	2
.....	4521301	FUSE 50 Hz F3 0.4A.....	1
.....	4527101	FUSE 50 Hz F4, F6 0.05A	2
.....	4516521	FUSE 50 Hz F5, F7 0.1A	2
.....	4515681	FUSE 50 Hz F9, F10 1.0A	2
.....	4527131	FUSE 60 Hz F1, F2, F3 0.375A.....	3
.....	4527111	FUSE 60 Hz F4, F6 0.062A	2
.....	4527121	FUSE 60 Hz F5, F7 0.1A	2
.....	4527511	FUSE 60 Hz F9, F10 1.0A	2
3.....	4526511	FUSE CAP 50Hz	9
.....	4526611	FUSE CAP 60Hz ONLY	9

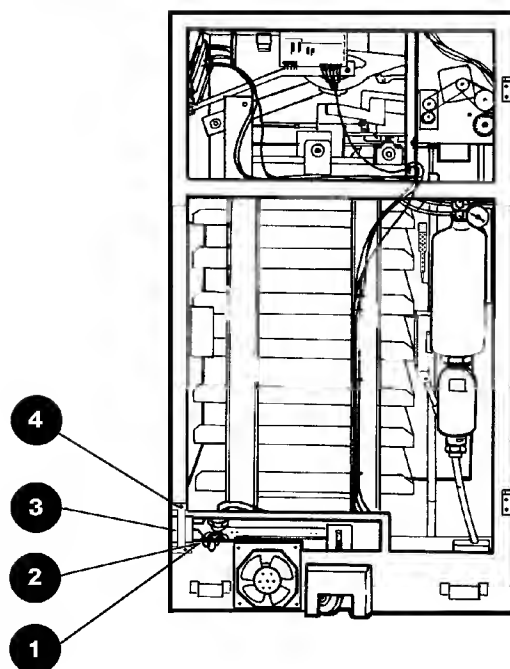


figure 7-3

PARTS LISTING figure 7-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9186456	TRANSFORMER	1
2	9186386	MAIN SWITCH	1
3	4279346	SCREW M4X10	4
.....	4480036	WASHER 4.3mm	4
4	4279346	SCREW M5X16	2

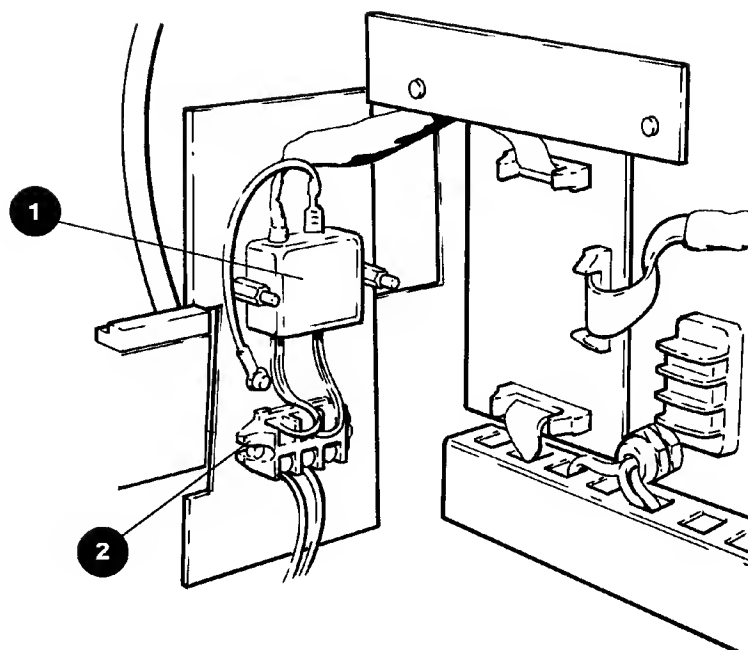


figure 7-4

PARTS LISTING figure 7-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185121	LINE FILTER	1
2	4526971	TERMINAL BLOCK	1

CHAPTER 8

DRAWER

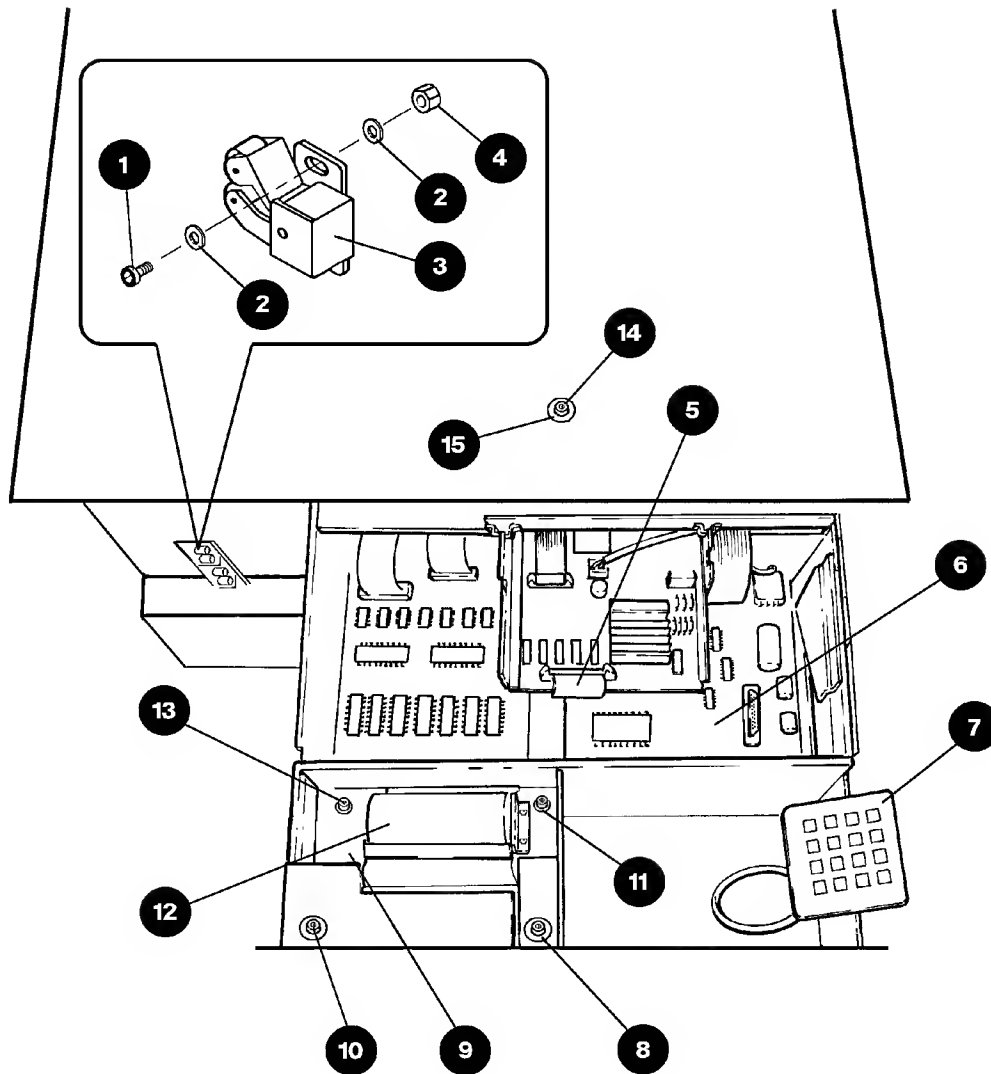


figure 8-1

PARTS LISTING figure 8-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	4279040	SCREW M3X8.....	4
2	4470106	WASHER 3.2mm	8
3	9186186	LATCH.....	2
4	4853111	NUT M3	4
5	9190126	RIBBON CABLE.....	1
6	9189076	PCB A0 MASTER PROCESSOR.....	1
7	9189856	KEYPAD ASSY	1
8	4480391	WASHER 4.3mm	2
9	9189306	PRINTER ASSY.....	1
10	4278842	SCREW M4X6.....	2
11	4470101	WASHER 3.2mm	2
12	9188966	PAPER ROLL.....	1
13	4281601	SCREW M3X6.....	2
14	4280440	SCREW M6X20.....	1
15	4480271	WASHER 6.4mm	1

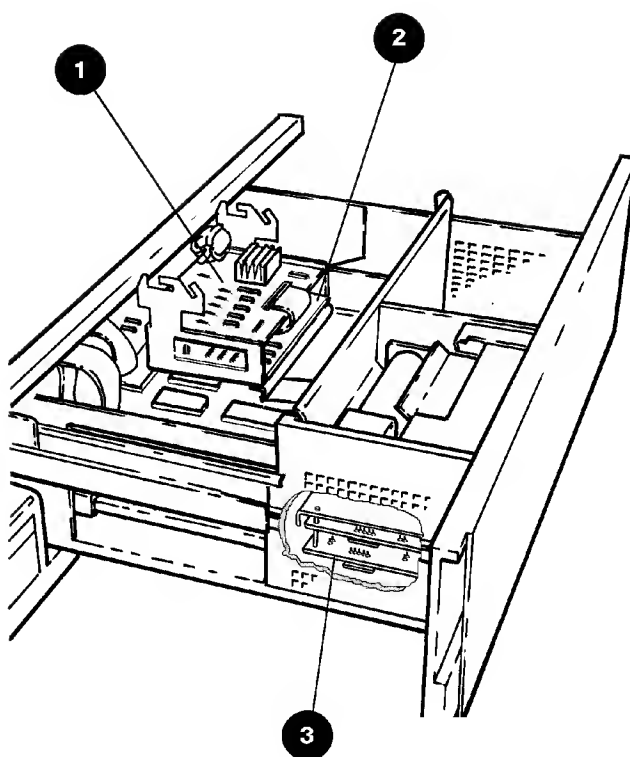


figure 8-2

PARTS LISTING figure 8-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9191466	PCB A3 POWER AMPLIFIER	1
2	9188906	PCB A2 SLAVE PROCESSOR	1
3	9189340	PCB A13 PRINTER INTERFACE	1

CHAPTER 9

MOTORS

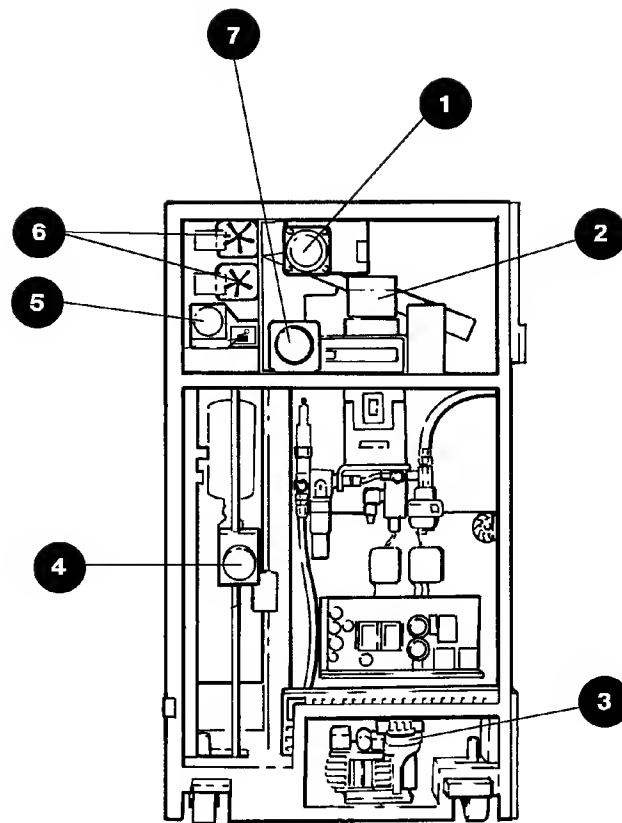


figure 9-1

PARTS LISTING figure 9-1

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9183376.....	MOTOR M3 CASSETTE OPENING 50Hz.....	1
.....	9191862.....	MOTOR M3 CASSETTE OPENING 60Hz.....	1
2.....	9181526.....	MOTOR M2 CASSETTE CENTERING 50Hz.....	1
.....	9191856.....	MOTOR M2 CASSETTE CENTERING 60Hz.....	1
3.....	9186486.....	COMPRESSOR ASSY 50Hz.....	1
.....	9191816.....	COMPRESSOR ASSY 60Hz.....	1
.....	9191406.....	FAN WHEEL.....	1
4.....	9183966.....	MOTOR M7 MAG. FILM PICK UP 50Hz.....	1
.....	9191876.....	MOTOR M7 MAG. FILM PICK UP 60Hz.....	1
5.....	9184116.....	MOTOR M8 STEPPER MOTOR.....	1
6.....	9187016.....	VACUUM PUMP 50Hz.....	1
.....	9191826.....	VACUUM PUMP 60Hz.....	1
.....	9196356.....	REPAIR KIT, VACUUM PUMP use 9285706.....	-
7.....	9181296.....	MOTOR M1 CASSETTE TRANSPORT 50Hz.....	1
.....	9191846.....	MOTOR M1 CASSETTE TRANSPORT 60Hz.....	1

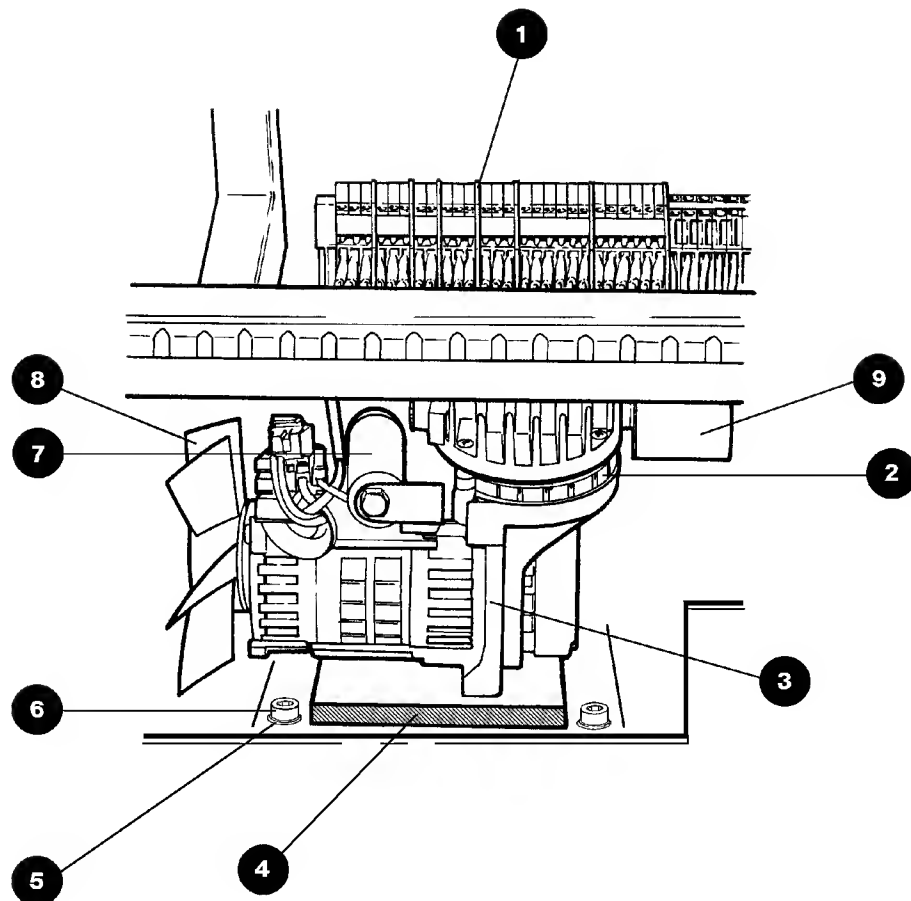


figure 9-2

PARTS LISTING figure 9-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9186756	TERMINAL BOARD ASSY	1
2	9196501	REPAIR KIT, COMPRESSOR GASKET	-
.....	9196556	REPAIR KIT, COMPRESSOR HEAD	-
3	9186486	COMPRESSOR ASSY 50Hz	1
.....	9191816	COMPRESSOR ASSY 60Hz	1
4	9187311	FOAM SHOCK ABSORBER	1
5	4480121	WASHER 6.4mm	2
6	4280440	SCREW M6X20	2
7	9186471	CAPACITOR 50Hz	1
.....	9191781	CAPACITOR 60Hz	1
8	9191406	FAN WHEEL	1
9	9186536	MUFFLER	1

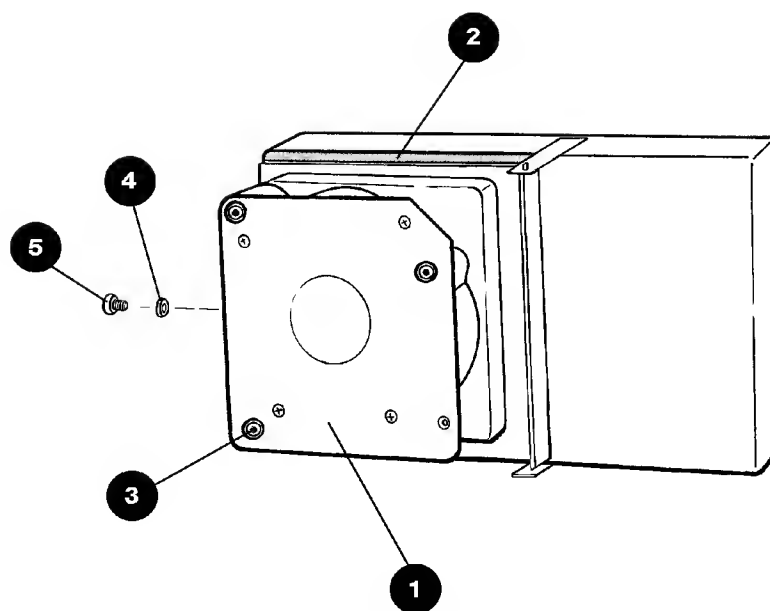


figure 9-3

PARTS LISTING figure 9-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9187903	FAN 50/60 Hz (M L 7 0 0 + 7 0 0 P)	1
2	9187856	AIR FILTER	1
3	4282321	SCREW M4X40.....	3
.....	4853121	NUT M4	3
4	4480036	WASHER 4.3mm	1
5	4279140	SCREW M4X12.....	1

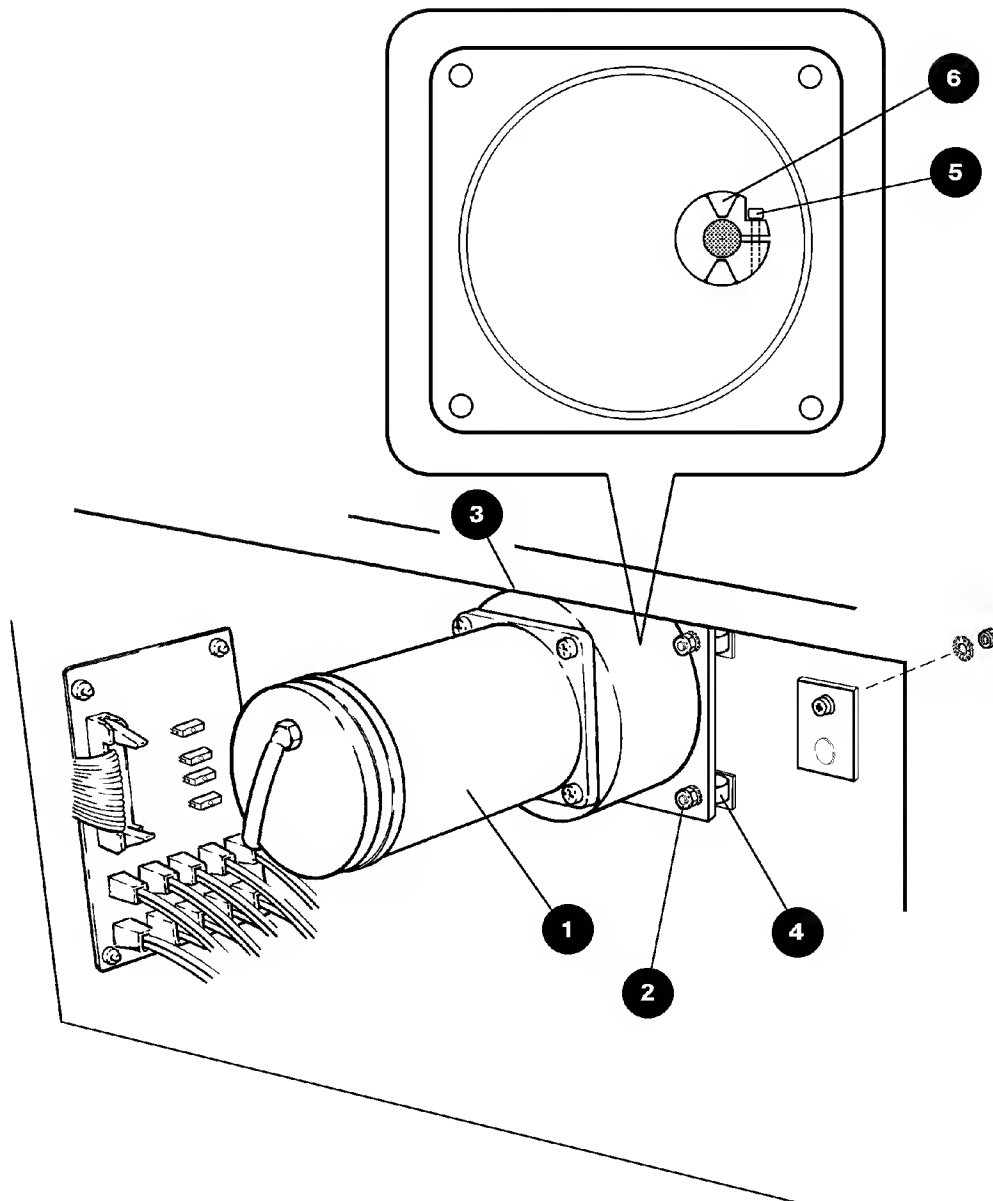


figure 9-4

PARTS LISTING figure 9-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183376	MOTOR M3 CASSETTE OPENING 50Hz.....	1
.....	9191866	MOTOR M3 CASSETTE OPENING 60Hz.....	1
2	4853031	NUT M5.....	8
3	4500431	LOCKWASHER	2
4	9183361	SHOCK MOUNT	4
5	4281271	SCREW M3X12.....	1
6	9183346	CLUTCH Assy.....	1

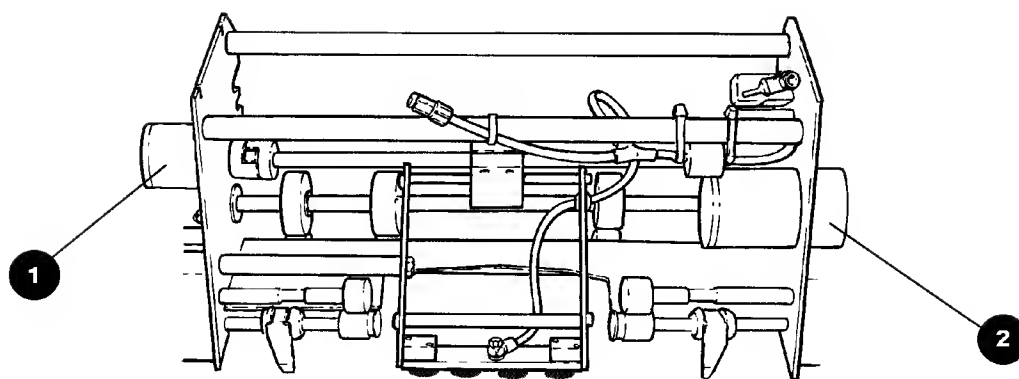


figure 9-5

PARTS LISTING figure 9-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185296	MOTOR M4 CASSETTE UNLOADING 50Hz	1
.....	9191896	MOTOR M4 CASSETTE UNLOADING 60Hz	1
2	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
.....	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

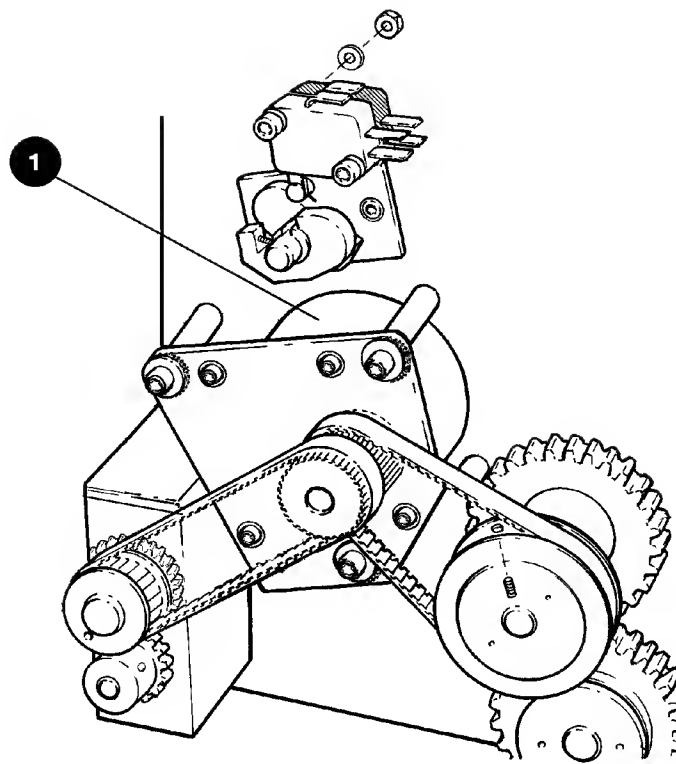


figure 9-6

PARTS LISTING figure 9-6

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
.....	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

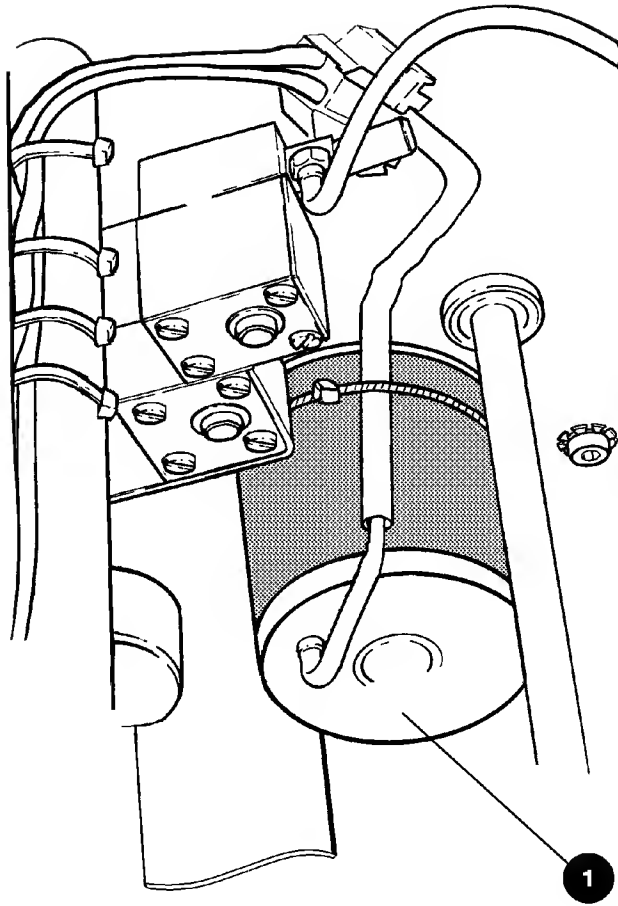


figure 9-7

PARTS LISTING figure 9-7

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185256	MOTOR M5 FILM TRANSPORT 50Hz	1
.....	9191886	MOTOR M5 FILM TRANSPORT 60Hz	1

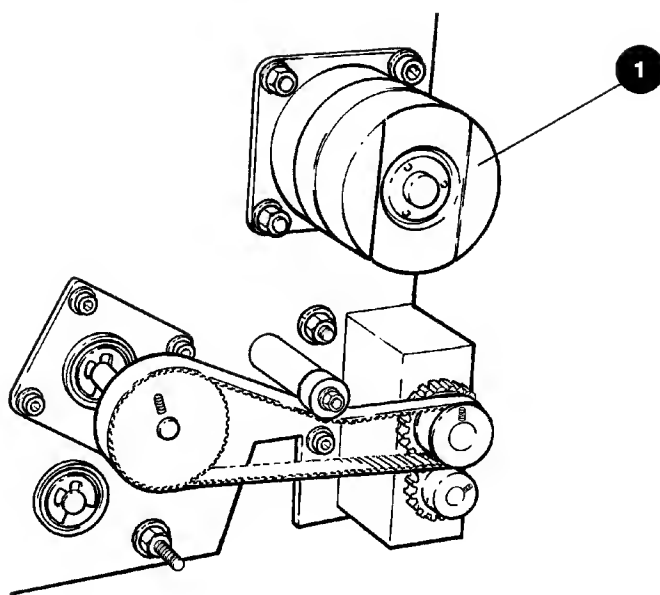


figure 9-8

PARTS LISTING figure 9-8

ITEM No.	PART No.	PART NAME	QUANTITY
1	9185296	MOTOR M4 CASSETTE UNLOADING 50Hz	1
.....	9191896	MOTOR M4 CASSETTE UNLOADING 60Hz	1

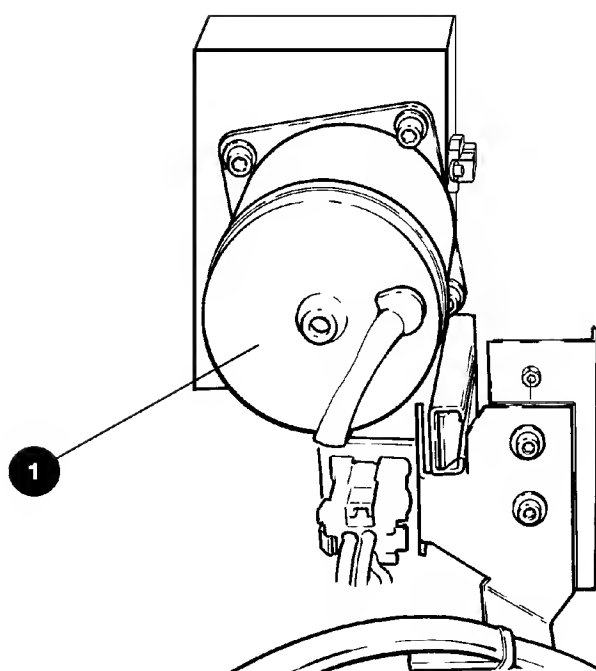


figure 9-9

PARTS LISTING figure 9-9

ITEM No.	PART No.	PART NAME	QUANTITY
1	9183966	MOTOR M7 MAG. FILM PICK UP 50Hz.....	1
.....	9191876	MOTOR M7 MAG. FILM PICK UP 60Hz.....	1

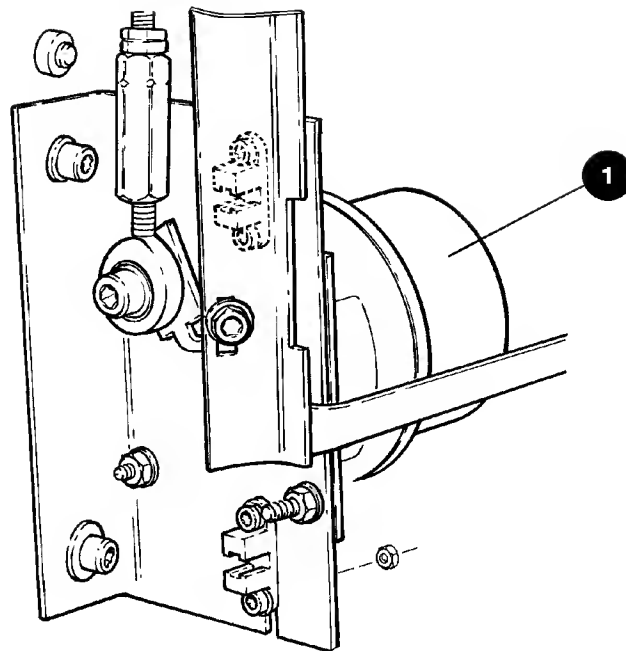


figure 9-10

PARTS LISTING figure 9-10

ITEM No.	PART No.	PART NAME	QUANTITY
1	9180966	MOTOR M6 MAGAZINE OPENING 50Hz	1
.....	9191836	MOTOR M6 MAGAZINE OPENING 60Hz	1

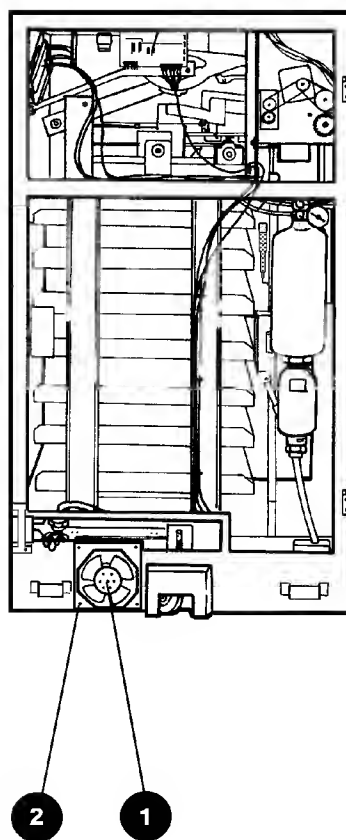


figure 9-11

PARTS LISTING figure 9-11

ITEM No.	PART No.	PART NAME	QUANTITY
1	9186461	FAN 50/60 Hz	1
2	9186831	SPEED NUT	4
.....	4302271	SCREW 5X16.....	4
.....	4480036	WASHER 4.3mm	4

CHAPTER 10

PRINTED CIRCUIT BOARDS

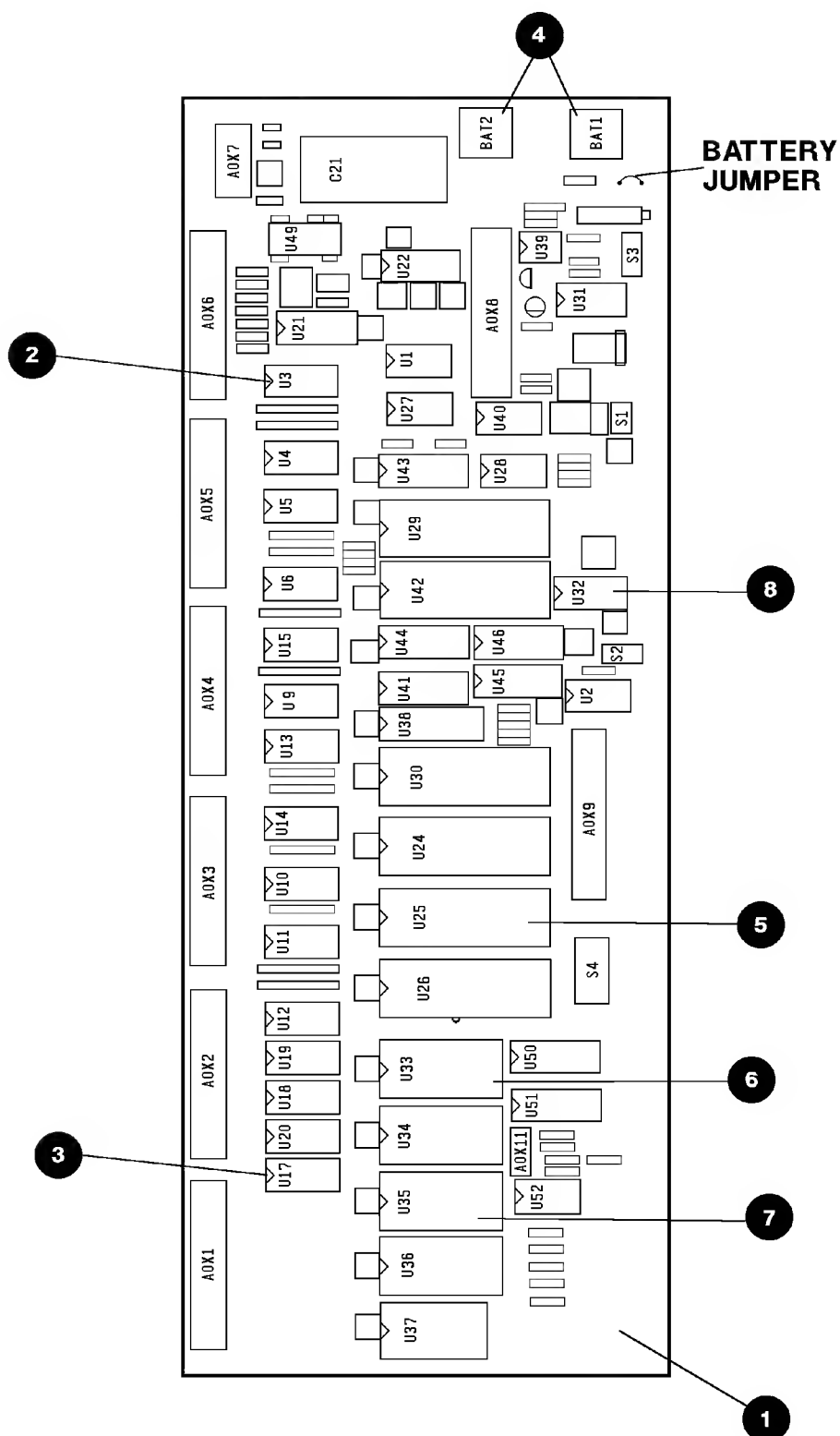


figure 10-1

PARTS LISTING FIGURE 10-1

ITEM NO.	PART NO.	PART NAME	QUANTITY
1	9189076	PCB A0 MASTER PROCESSOR	1
2	8374927	OPTO COUPLER ILQ1 U3...U6, U9, U10...U15	11
3	4526041	75468 U17...U20	4
4	9151121	BATTERY 1.2V	2
5	4526191	8255 A-2 U24, U25, U26, U30	4
6	9193716	SOFTWARE VERSION 4.1 U33	1
	9193726	SOFTWARE VERSION 4.1 U34	1
7	9191776	LANGUAGE EPROM EUROPE U35 (ENGL.,GER., ITAL., FR.)	1
	9191676	LANGUAGE EPROM U.S. U35 (ENGL., FR., SPAN., GERMAN)	1
	9191806	LANGUAGE EPROM A U35 (SWED., NORW., FINN., DAN.)	1
	9191796	LANGUAGE EPROM B U35 (ENGLISH, DUTCH, SPANISH)	1
8	9151281	CLOCK CHIP U32	1

H9195666...V4.5 SW ..ML700 NEW DISPLAY KIT, U33,U34,U35.....1

The CONNECTORS in this area are not visible from the rear. They are soldered to the front side of PCB A1

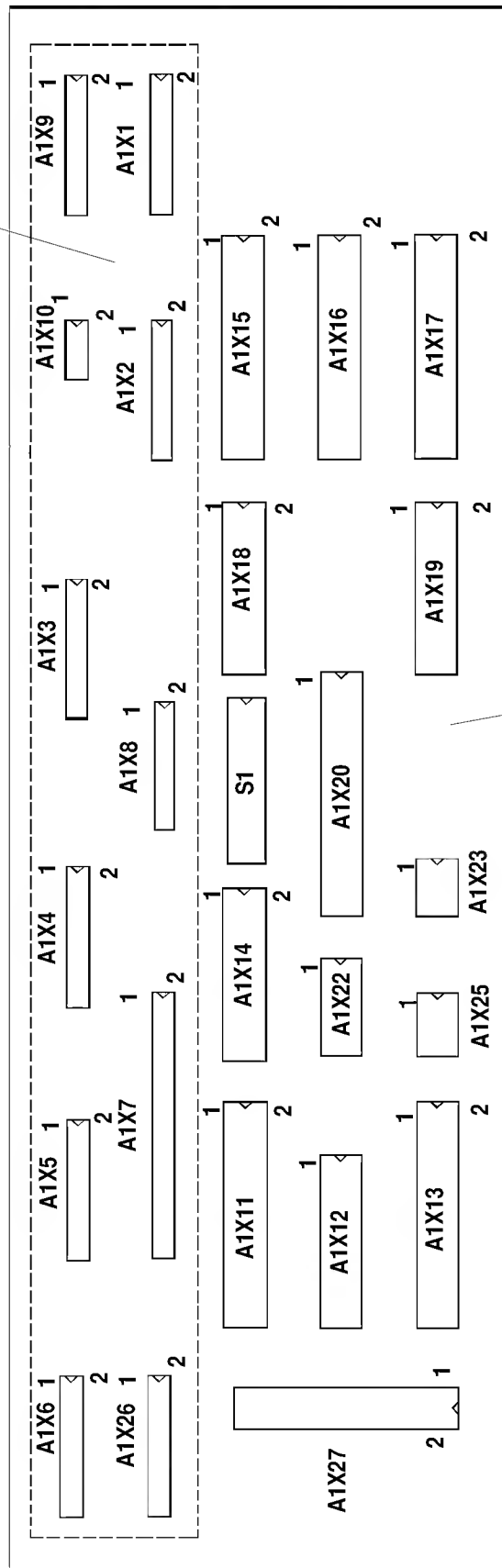


figure 10-2

PARTS LISTING FIGURE 10-2

ITEM NO.	PART NO.	PART NAME	QUANTITY
1	9188970	PCB A1 DISTRIBUTION	1

9190223.....CABLE A1X11 - A12X5.....1

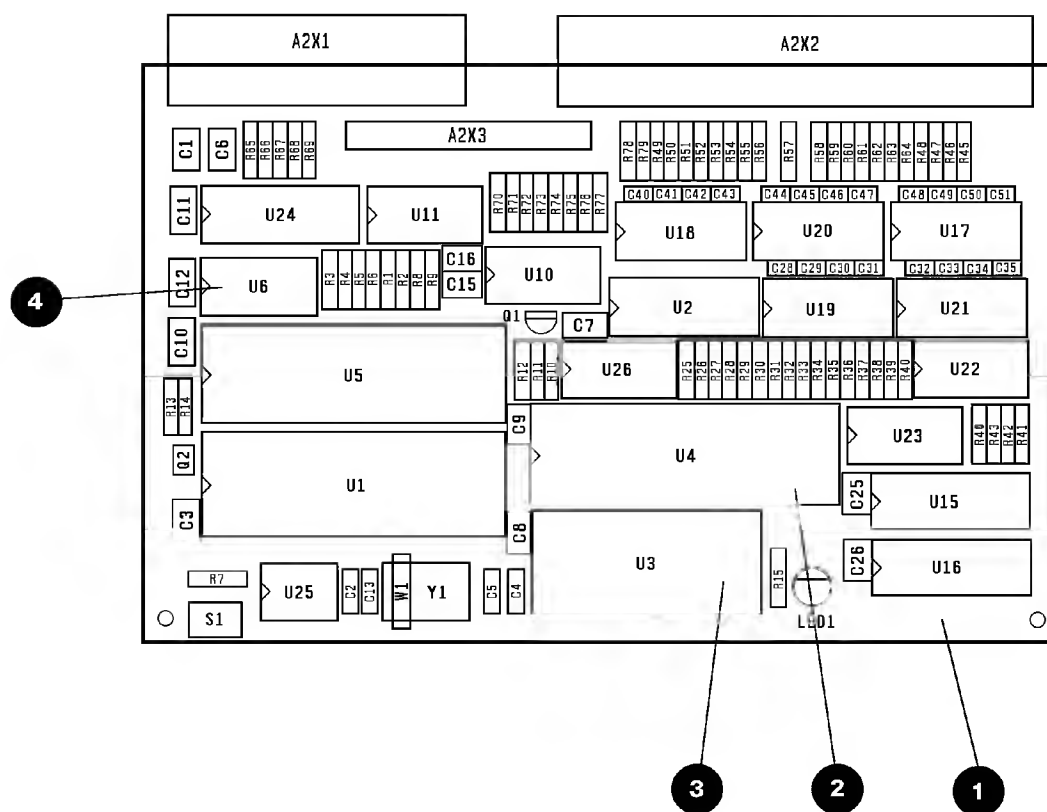


figure 10-3

PARTS LISTING FIGURE 10-3

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9188906	PCB A2 SLAVE PROCESSOR	1
2.....	4526191	8255 A-2 U4.....	1
3.....	9196766	SOFTWARE VERSION 3.2, U3	1
4.....	4527291	74LS05 U6, U10, U11.....	3

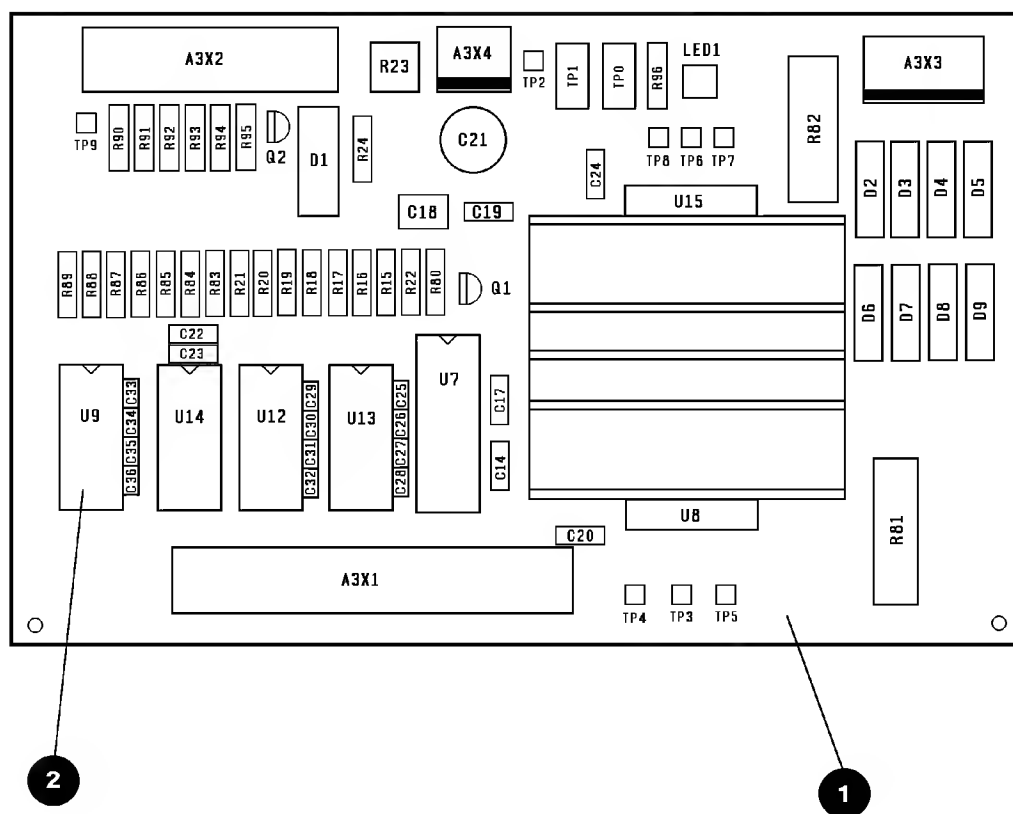


figure 10-4

PARTS LISTING FIGURE 10-4

ITEM NO.	PART NO.	PART NAME	QUANTITY
1	9191466	PCB A3 POWER AMPLIFIER	1
2	8374927	OPTO COUPLER ILQ1 U9, U12, U13.....	3

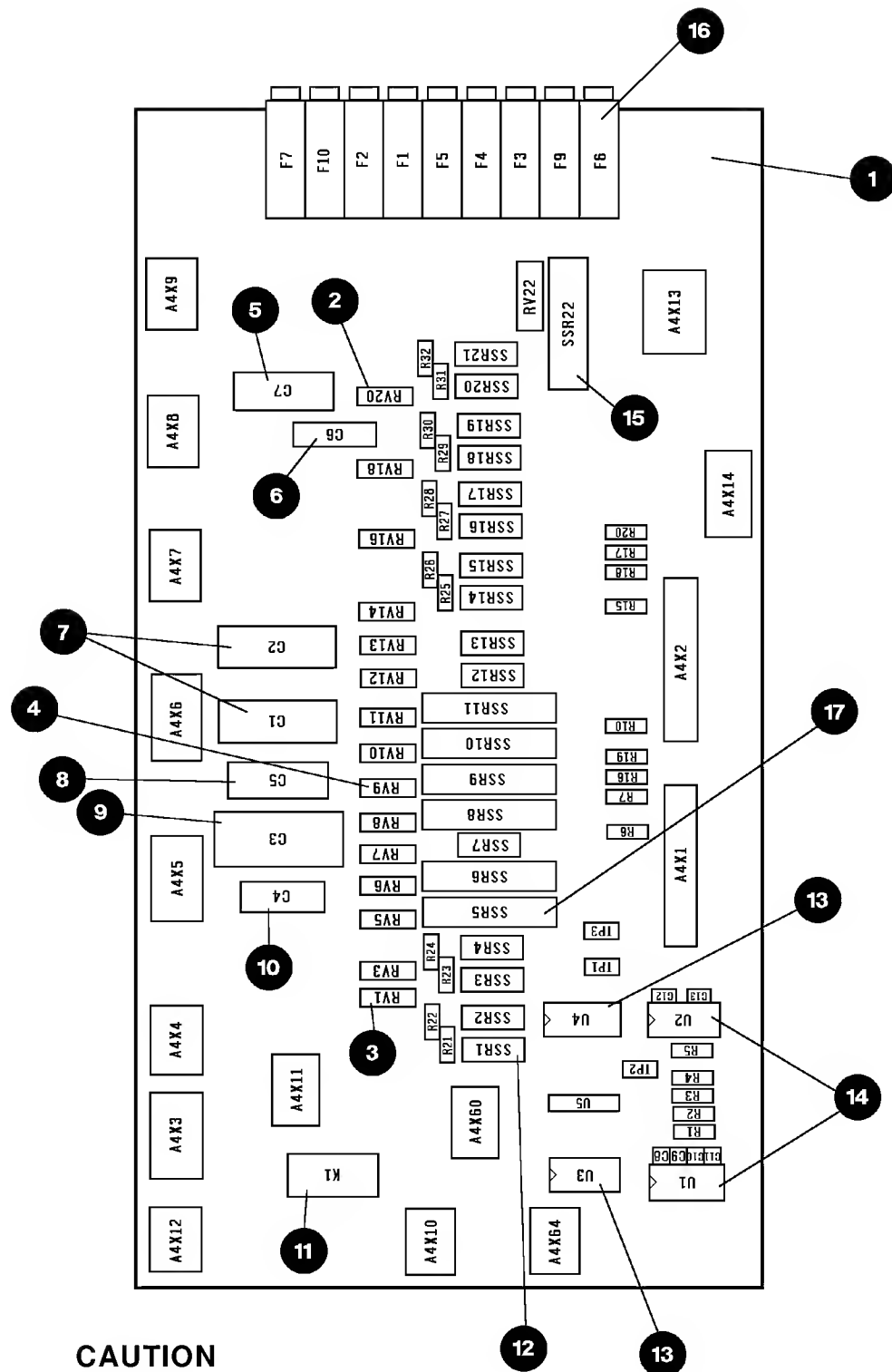
PCB A4 50Hz

figure 10-5

PARTS LISTING FIGURE 10-5**PCB A4 50Hz**

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9187166.....	PCB A4 POWER ELECTRONIC 50 Hz.....	1
2.....	4529311.....	VDR S14K300UL RV14, 16, 18, 20.....	4
3.....	4526521.....	VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22.....	10
4.....	4529321.....	VDR S10K385 RV8, 9.....	2
5.....	4527741.....	CAPACITOR C7 0.4 μ F.....	1
6.....	4526051.....	CAPACITOR C6 0.15 μ F.....	1
7.....	4526091.....	CAPACITOR C1 C2 1 μ F.....	2
8.....	4534481.....	CAPACITOR C5 0.68 μ F.....	1
9.....	4526101.....	CAPACITOR C3 2.2 μ F.....	1
10.....	4527781.....	CAPACITOR C4 0.25 μ F.....	1
11.....	4524181.....	RELAY K1.....	1
12.....	4534431.....	SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21.....	15
13.....	4526041.....	DRIVER 75468 U3, U4.....	2
14.....	8374927.....	OPTO COUPLER ILQ1 U1, U2.....	2
15.....	4531976.....	SSR CX 3080D SSR 5, 6, 8...11, 22.....	1
16.....	4526031.....	FUSE F1, F2 0.315A.....	2
.....	4521301.....	FUSE F3 0.4A.....	1
.....	4527101.....	FUSE F4, F6 0.05A.....	2
.....	4516521.....	FUSE F5, F7 0.1A.....	2
.....	4515681.....	FUSE F9, F10 1.0A.....	2

CAUTION

THIS PCB MUST NOT BE USED IN A ML700 PLUS!

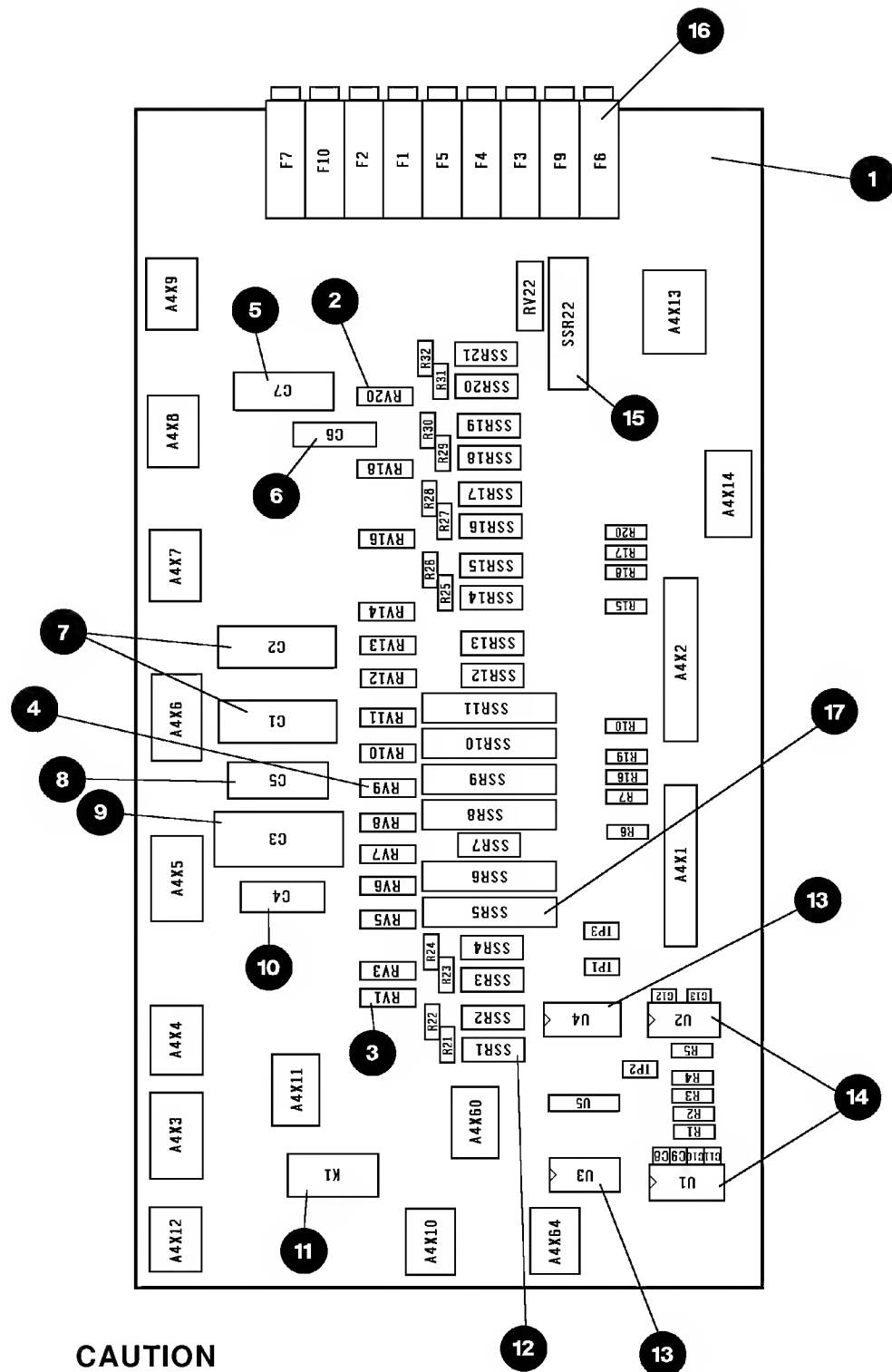
PCB A4 60Hz

figure 10-6

PARTS LISTING FIGURE 10-6**PCB A4 60Hz**

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9187186.....	PCB A4 POWER ELECTRONIC 60 Hz.....	1
2.....	4529311.....	VDR S14K300UL RV14, 16, 18, 20.....	4
3.....	4526521.....	VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22.....	10
4.....	4529321.....	VDR S10K385 RV8, 9.....	2
5.....	4527741.....	CAPACITOR C7 0.4 μ F.....	1
6.....	4526051.....	CAPACITOR C6 0.15 μ F.....	1
7.....	4526091.....	CAPACITOR C1 C2 1 μ F.....	2
8.....	4534481.....	CAPACITOR C5 0.68 μ F.....	1
9.....	4527721.....	CAPACITOR C3 1.8 μ F.....	1
10.....	4527751.....	CAPACITOR C4 0.27 μ F.....	1
11.....	4524181.....	RELAY K1.....	1
12.....	4534431.....	SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21.....	15
13.....	4526041.....	DRIVER 75468 U3, U4.....	2
14.....	8374927.....	OPTO COUPLER ILQ1 U1, U2.....	2
15.....	4531976.....	SSR CX 3080D SSR 5, 6, 8...11, 22.....	1
16.....	4527131.....	FUSE F1, F2, F3 0.375A.....	3
.....	4527111.....	FUSE F4, F6 0.062A.....	2
.....	4527121.....	FUSE F5, F7 0.1A.....	2
.....	4527511.....	FUSE F9, F10 1.0A.....	2

CAUTION

THIS PCB MUST NOT BE USED IN A ML700 PLUS!

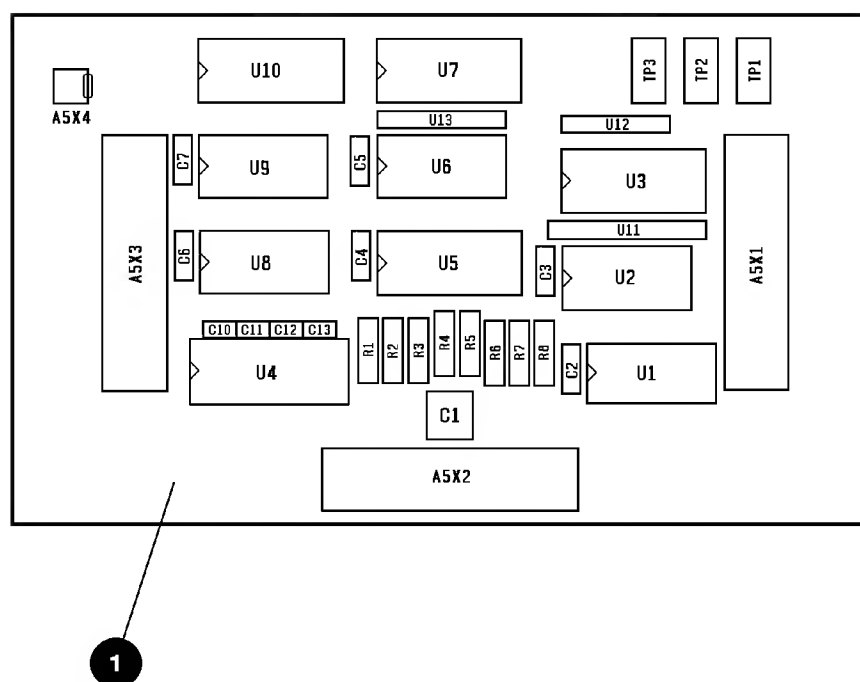


figure 10-7

PARTS LISTING FIGURE 10-7

ITEM NO.	PART NO.	PART NAME	QUANTITY
1	9187306	PCB A5 MAGAZINE SIZE DECODER	1

9190143	RIBBON CABLE A5X2 TO A1X14 PCB	1
---------	--------------------------------	---

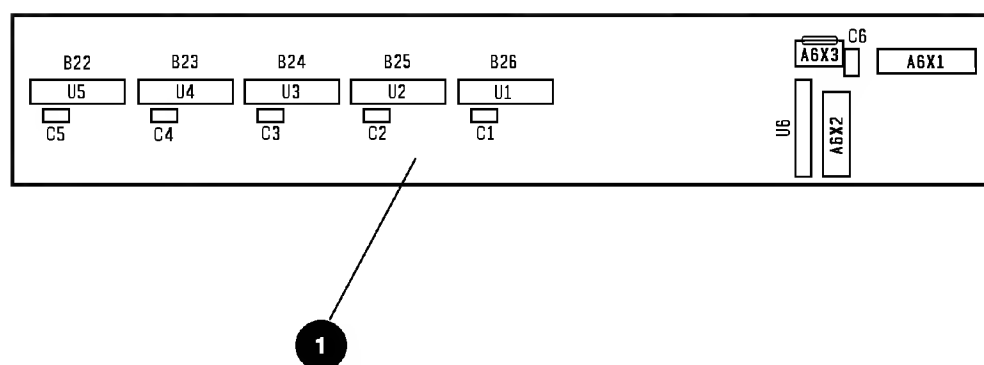
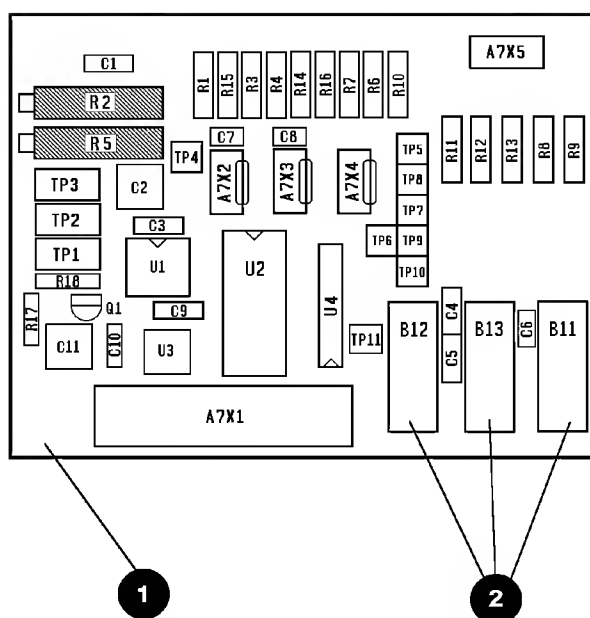


figure 10-8

PARTS LISTING FIGURE 10-8

ITEM NO.	PART NO.	PART NAME	QUANTITY
1	9180646	PCB A6 MAGAZINE SIZE SENSOR.....	1

**CAUTION**

This PCB must not be used in a
ML700 PLUS

figure 10-9

PARTS LISTING FIGURE 10-9

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9184270	PCB A7 FILM POCKET.....	1
2.....	4521821	SENSOR B11, B12, B13.....	3

CAUTION

THIS PCB MUST NOT BE USED IN A ML700 PLUS!

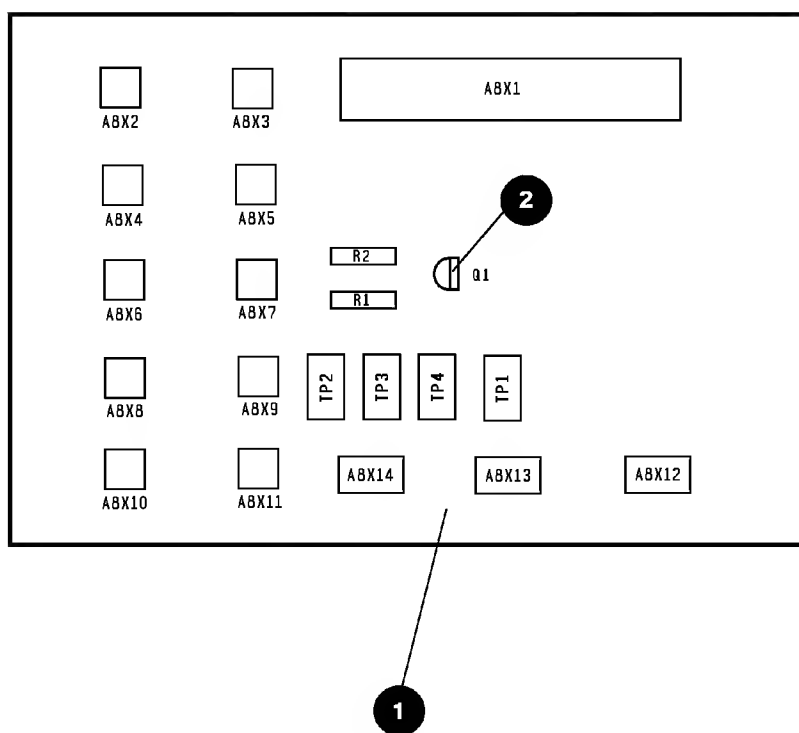
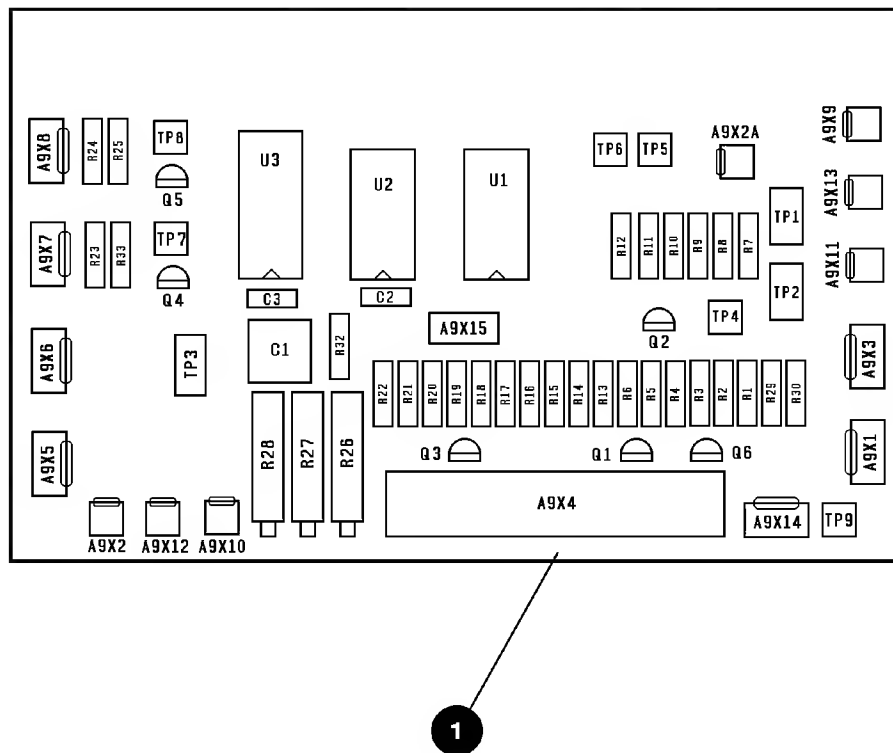


figure 10-10

PARTS LISTING FIGURE 10-10

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9183600	PCB A8 INTERFACE (A)	1
2.....	4521811	TRANSISTOR Q1	1

**CAUTION**

This PCB must not be used in a
ML700 PLUS

figure 10-11

PARTS LISTING FIGURE 10-11

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9183620	PCB A9 INTERFACE (B)	1

CAUTION

THIS PCB MUST NOT BE USED IN A ML700 PLUS!

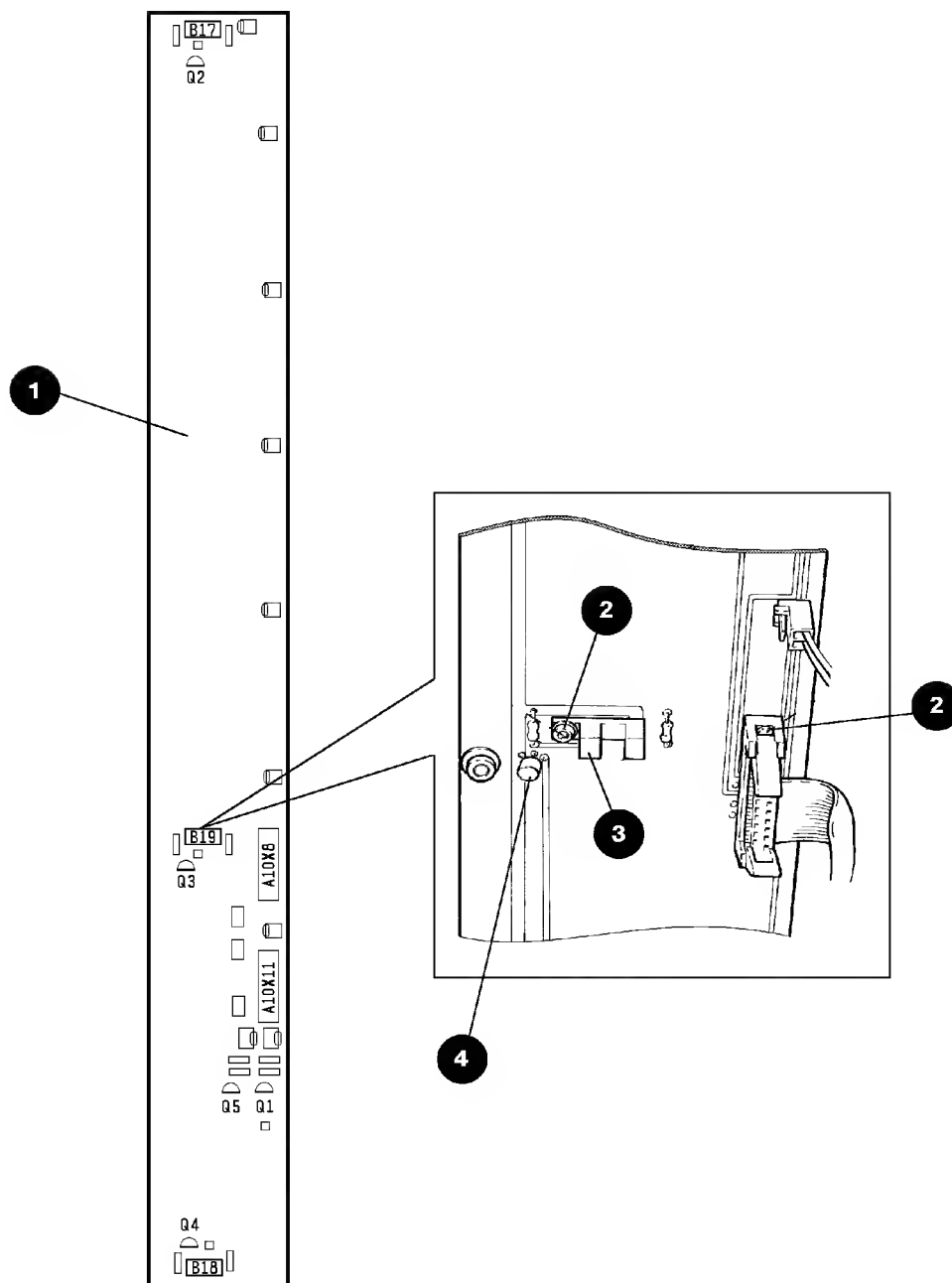


figure 10-12

PARTS LISTING FIGURE 10-12

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9186006	PCB A10 FILM POCKET POSITION	1
2.....	4301951	SCREW 2.9X6.5	7
3.....	4521821	SENSOR B17, B18, B19.....	3
4.....	4521811	TRANSISTOR Q1...Q5	5

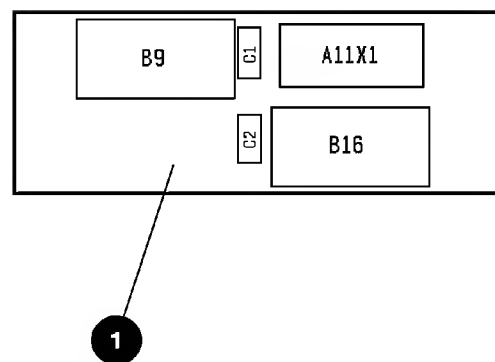


figure 10-13

PARTS LISTING FIGURE 10-13

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9184886	PCB A11 FILM SENSOR	1

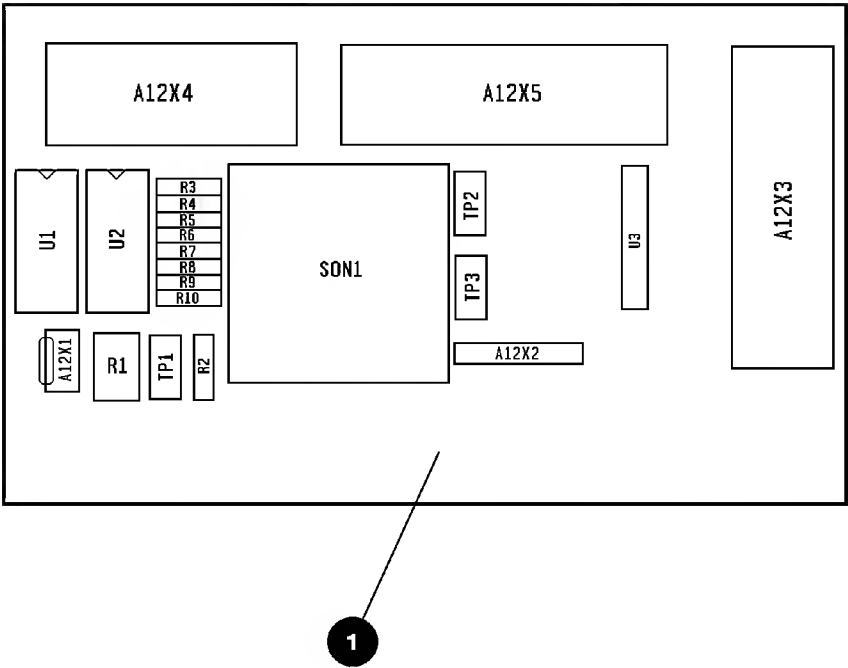


figure 10-14

PARTS LISTING FIGURE 10-14

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9191680	PCB A12 OPERATOR CONTROL.....	1

2.....	H9281680.....	PCB A12 Plus.....	1
--------	---------------	-------------------	---

3.....	H9190223....	CABLE A12X5-A1X11.....	1
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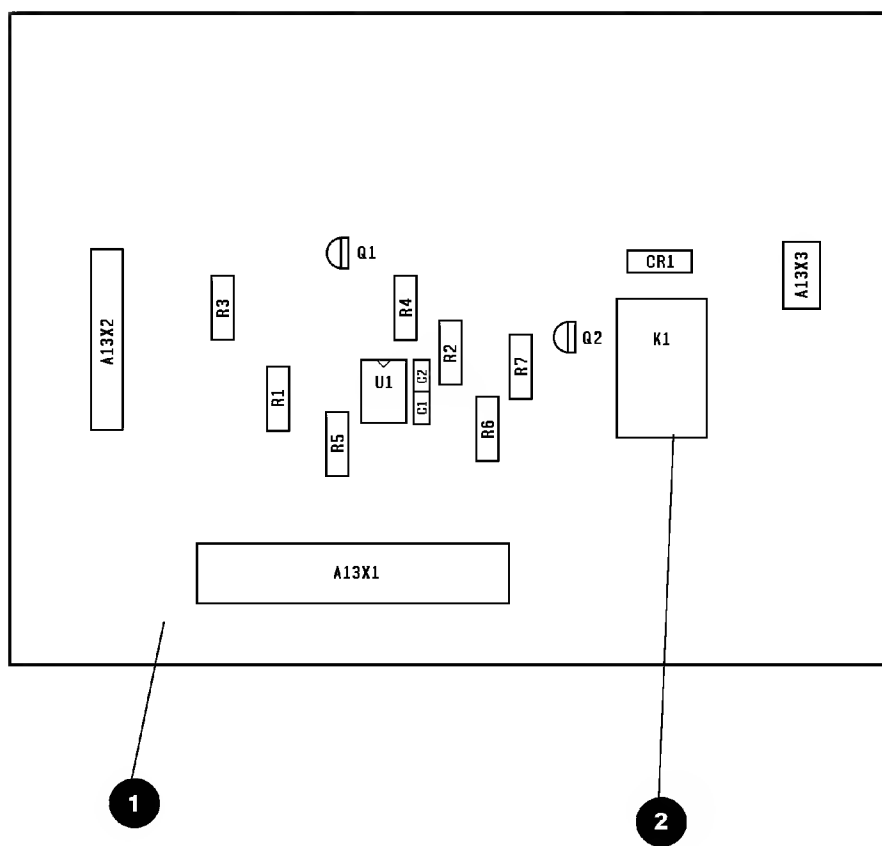


figure 10-15

PARTS LISTING FIGURE 10-15

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9189340	PCB A13 PRINTER INTERFACE	1
2.....	4526351	RELAY K1	1

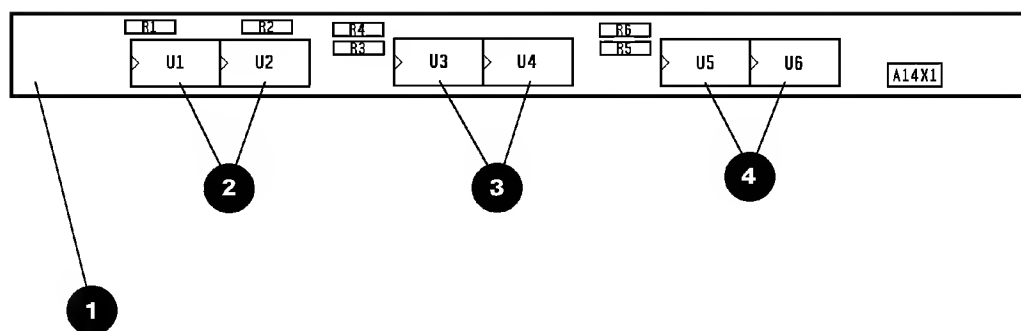


figure 10-16

PARTS LISTING FIGURE 10-16

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9187370	PCB A14 LIGHT BAR.....	1
2.....	4526641	LED RED U1, U2	2
3.....	4526651	LED YELLOW U3, U4	2
4.....	4526661	LED GREEN U5,U6	2

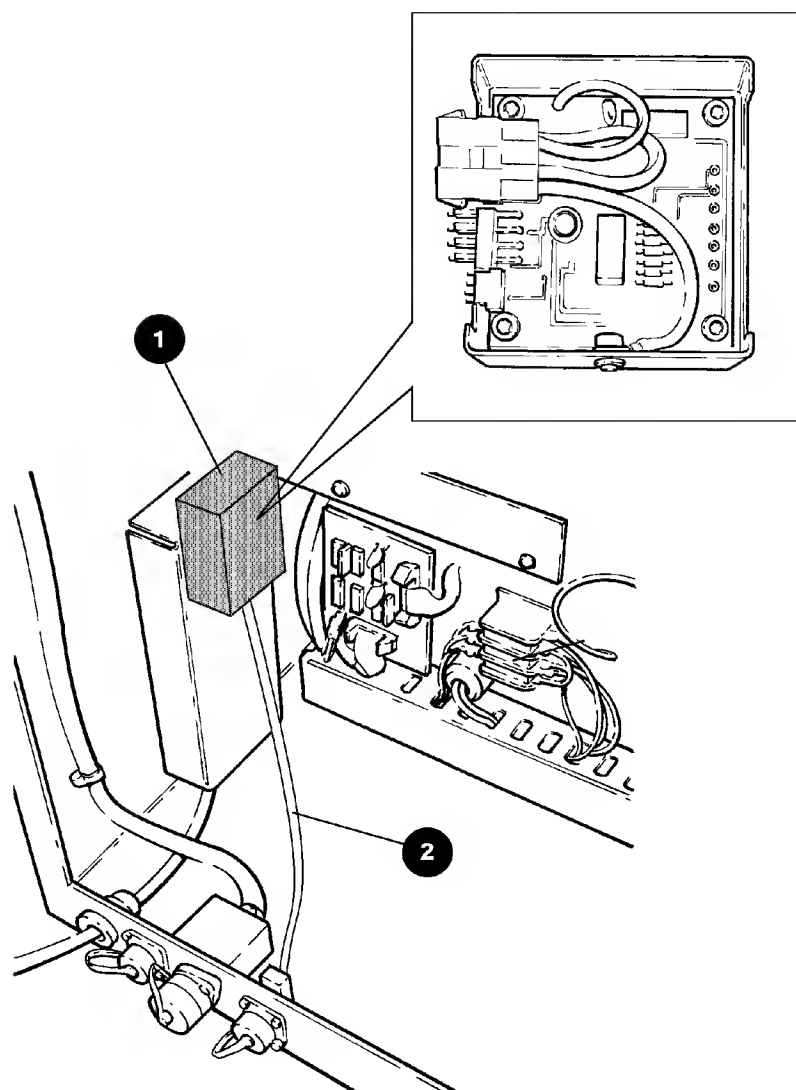


figure 10-17

PARTS LISTING FIGURE 10-17

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9198476	PCB A16 HUMIDIFIER COMPLETE WITH HOUSING	1
2.....	9191082	CABLE	1

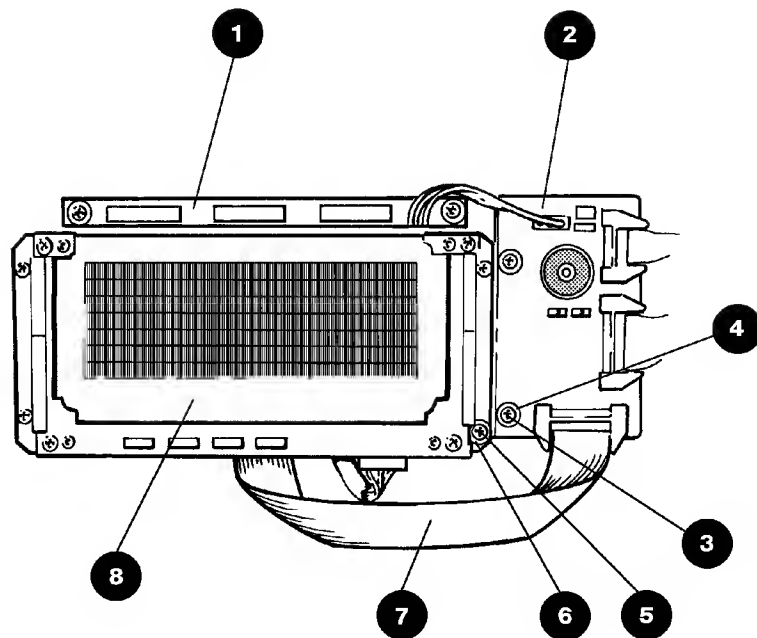


figure 10-18

PARTS LISTING FIGURE 10-18

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9187370	PCB A14 LIGHT BAR.....	1
2.....	9191680	PCB A12 OPERATOR CONTROL.....	1
3.....	4278940	SCREW M4X10.....	2
4.....	4480391	WASHER 4.3mm	2
5.....	4278842	SCREW M4X6.....	4
6.....	4480036	WASHER 4.3mm	4
7.....	9190116	RIBBON CABLE ASSY.....	1
8.....	9187396	DISPLAY	1
9.....	9195606.....	NEW LCD DISPLAY KIT (700 only).....	1

CHAPTER 11

HUMIDIFIER

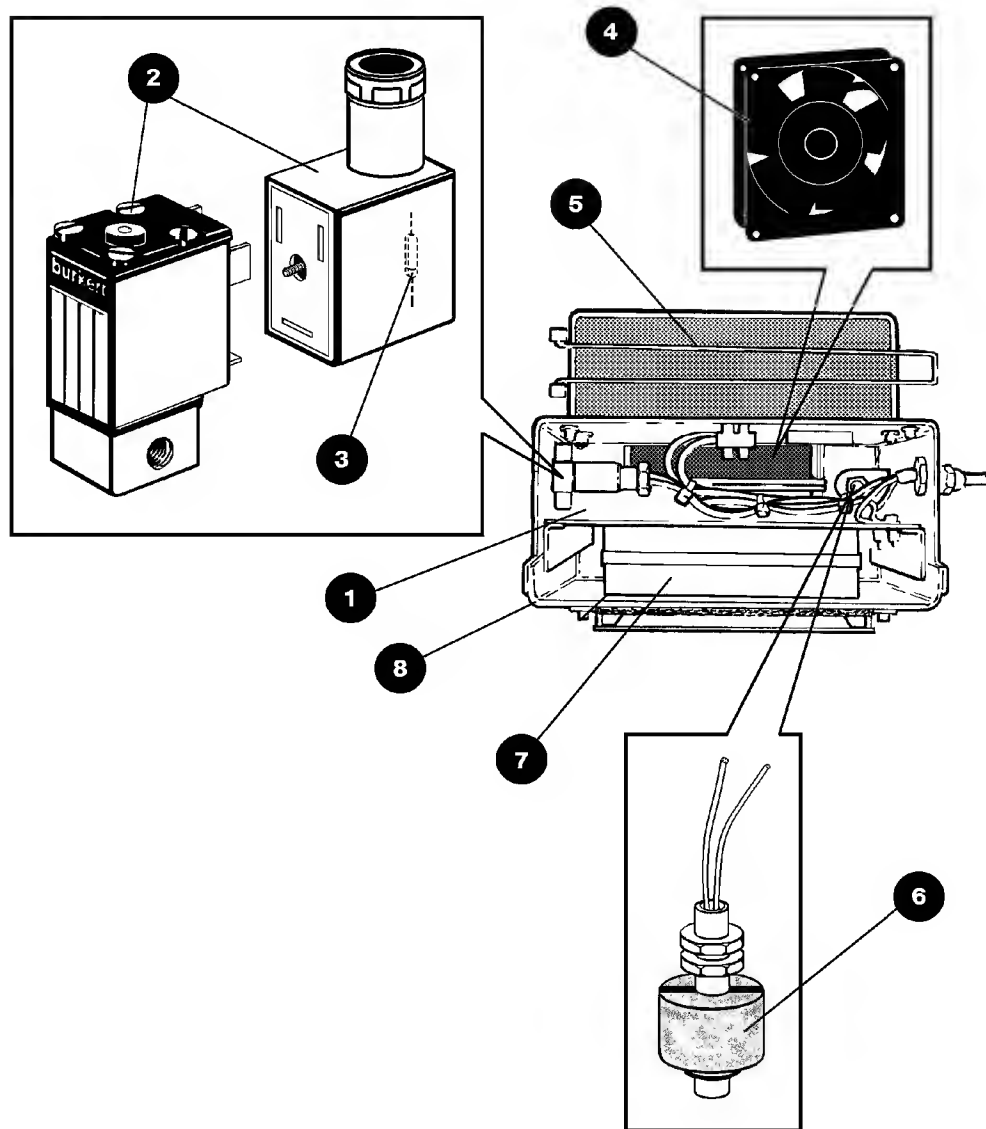


figure 11-1

PARTS LISTING figure 11-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9198006	HUMIDIFIER COMPLETE	1
2	9199286	MAGNETIC VALVE	1
3	4518161	DIODE	1
4	9198236	FAN	1
5	9198246	FILTER	1
6	9198656	SENSOR WATER LEVEL	1
7	9198266	FILTER CARTRIDGE	1
8	9198156	HOUSING.....	1

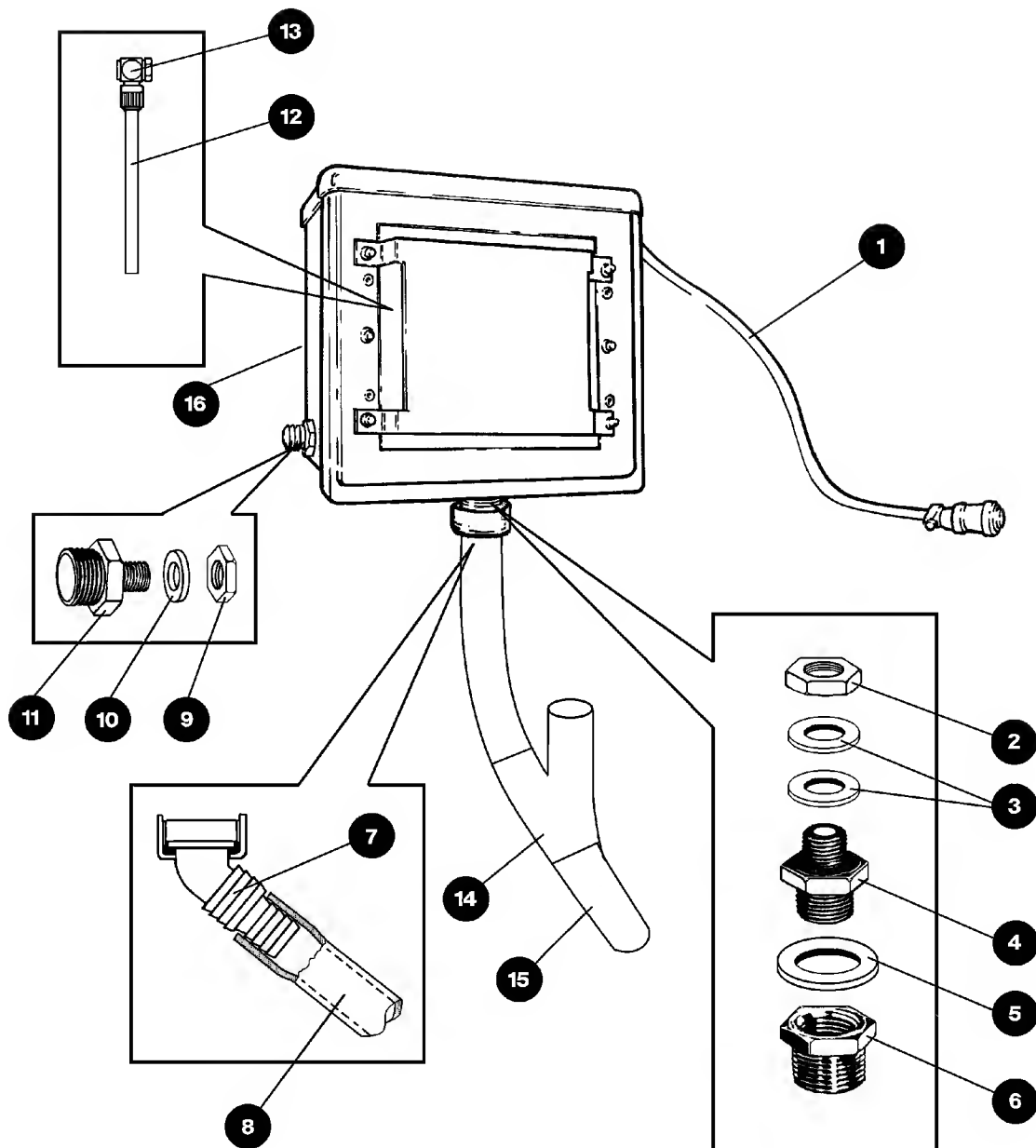


figure 11-2

PARTS LISTING figure 11-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9191036.....	CABLE.....	1
2.....	9198681.....	NUT.....	1
3.....	9199131.....	SEAL.....	2
4.....	9198676.....	SMALL FITTING.....	1
5.....	9198461.....	SEAL.....	1
6.....	9198456.....	LARGE FITTING.....	1
7.....	9198441.....	FITTING.....	1
8.....	9198400.....	HOSE.....	1
9.....	9198681.....	NUT use 4853061 M12 NUT.....	1
10.....	4480231.....	SEAL.....	1
11.....	9198026.....	SIDE FITTING.....	1
12.....	9198701.....	HOSE.....	1
13.....	9187221.....	COUPLING.....	1
14.....	9170871.....	Y-FITTING.....	1
15.....	9188381.....	HOSE.....	1
16.....	9198211.....	WARNING LABEL, BIO-GROWTH.....	1
.....	9194775.....	REPAIR KIT, HUMID. (seal ring, plate, cement).....	-

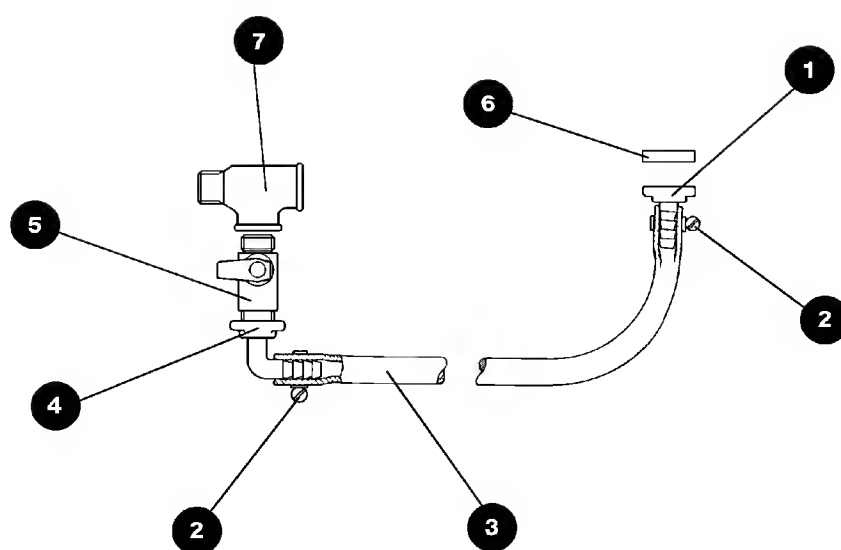


figure 11-3

PARTS LISTING figure 11-3

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9198391	FITTING	1
2.....	9198351	CLAMP	2
3.....	9198371	HOSE.....	1
4.....	9198361	FITTING	1
5.....	9198296	SHUT OFF VALVE	1
6.....	9199261	FILTER	1
7.....	9198031	T-FITTING.....	1

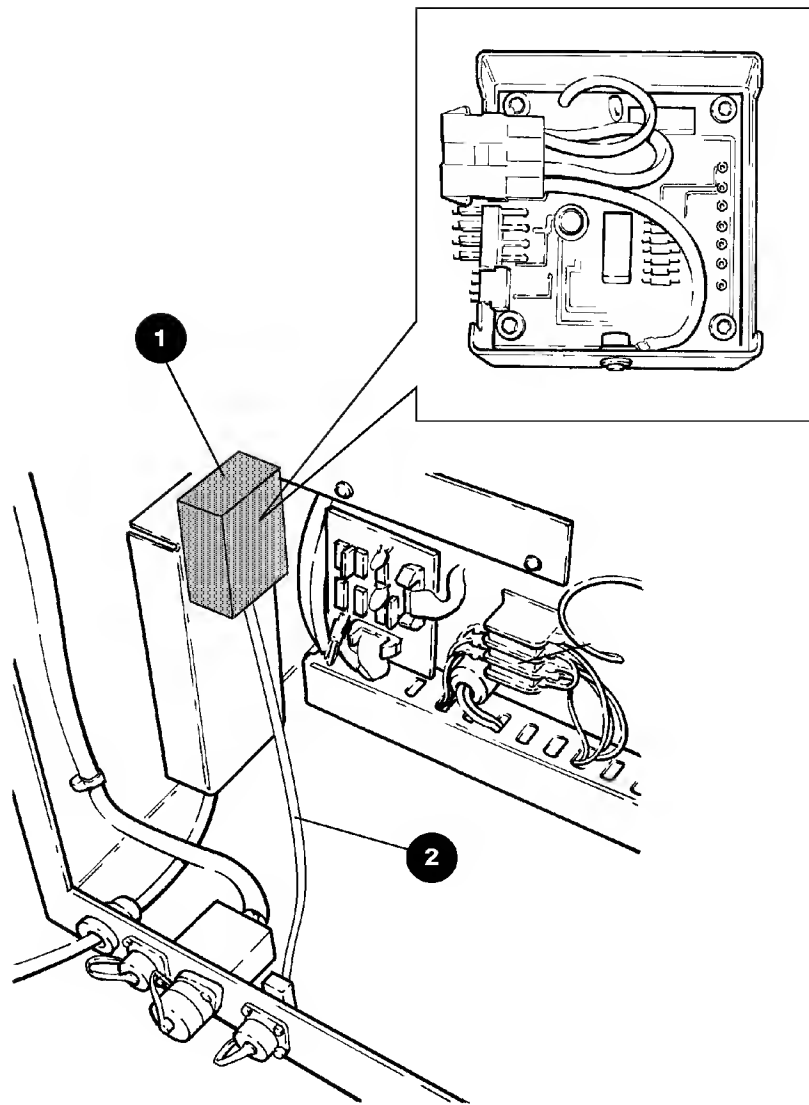


figure 11-4

PARTS LISTING figure 11-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9198476	PCB A16 HUMIDIFIER COMPLETE WITH HOUSING	1
2	9191082	CABLE	1

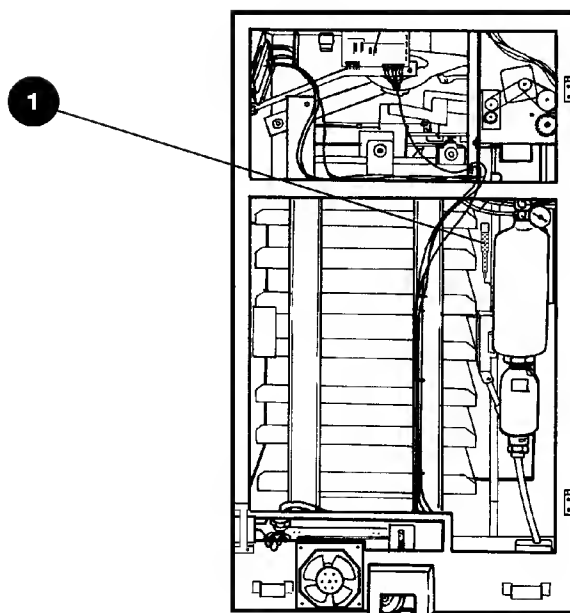


figure 11-5

PARTS LISTING figure 11-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9198426	SENSOR HUMIDIFIER	1

CHAPTER 12

TUNNEL

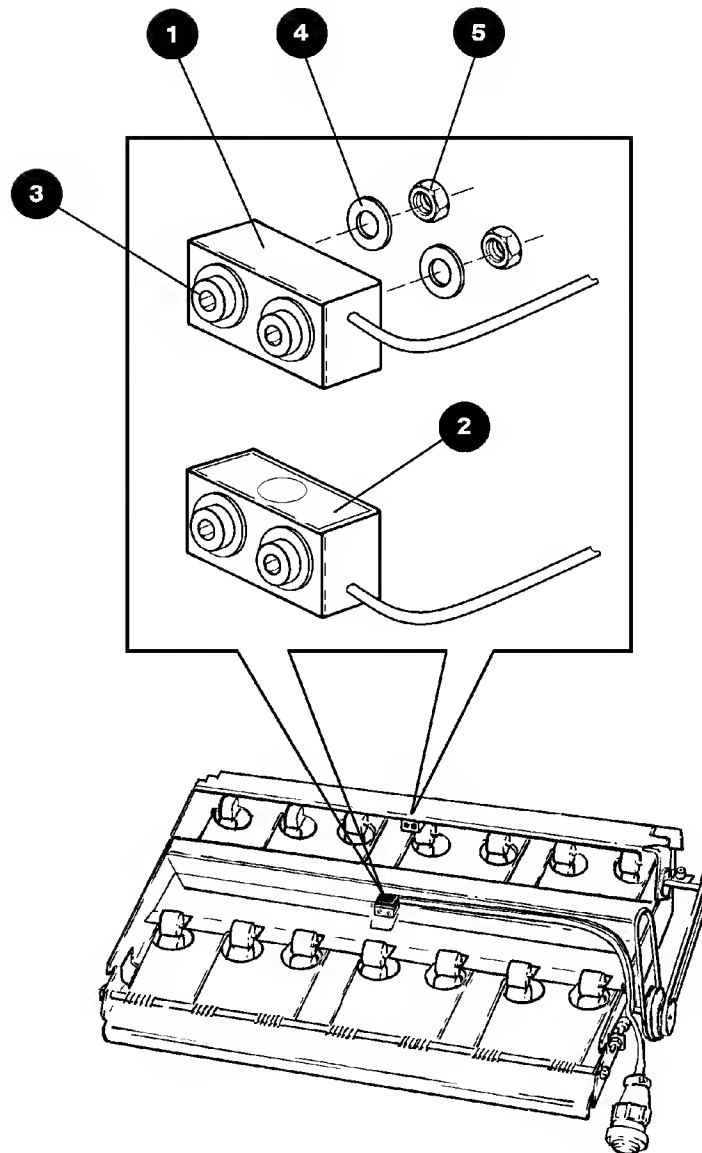


figure 12-1

PARTS LISTING figure 12-1

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9188606	..... PHOTOCELL B7 use 9194426.....	1
2.....	9188606	..... PHOTOCELL B8 use 9194426.....	1
3.....	4281551	..... SCREW M3X16.....	4
4.....	4470101	..... WASHER 3.2mm	8
5.....	4852011	..... NUT M3.....	4

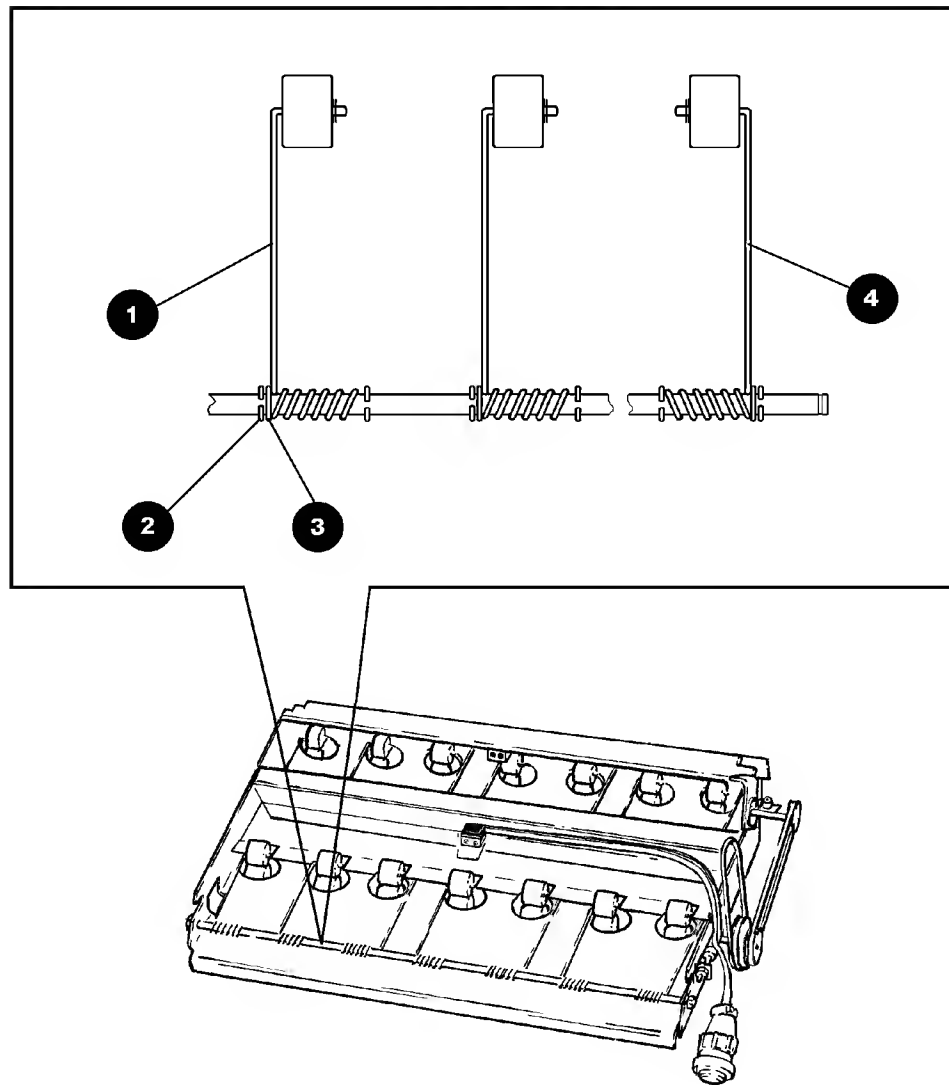


figure 12-2

PARTS LISTING figure 12-2

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9188406	ROLLER ASSY LEFT	8
2.....	4499840	CIRCLIP 4.0mm.....	28
3.....	4480121	WASHER 6.4mm	14
4.....	9193576	ROLLER ASSY RIGHT.....	6

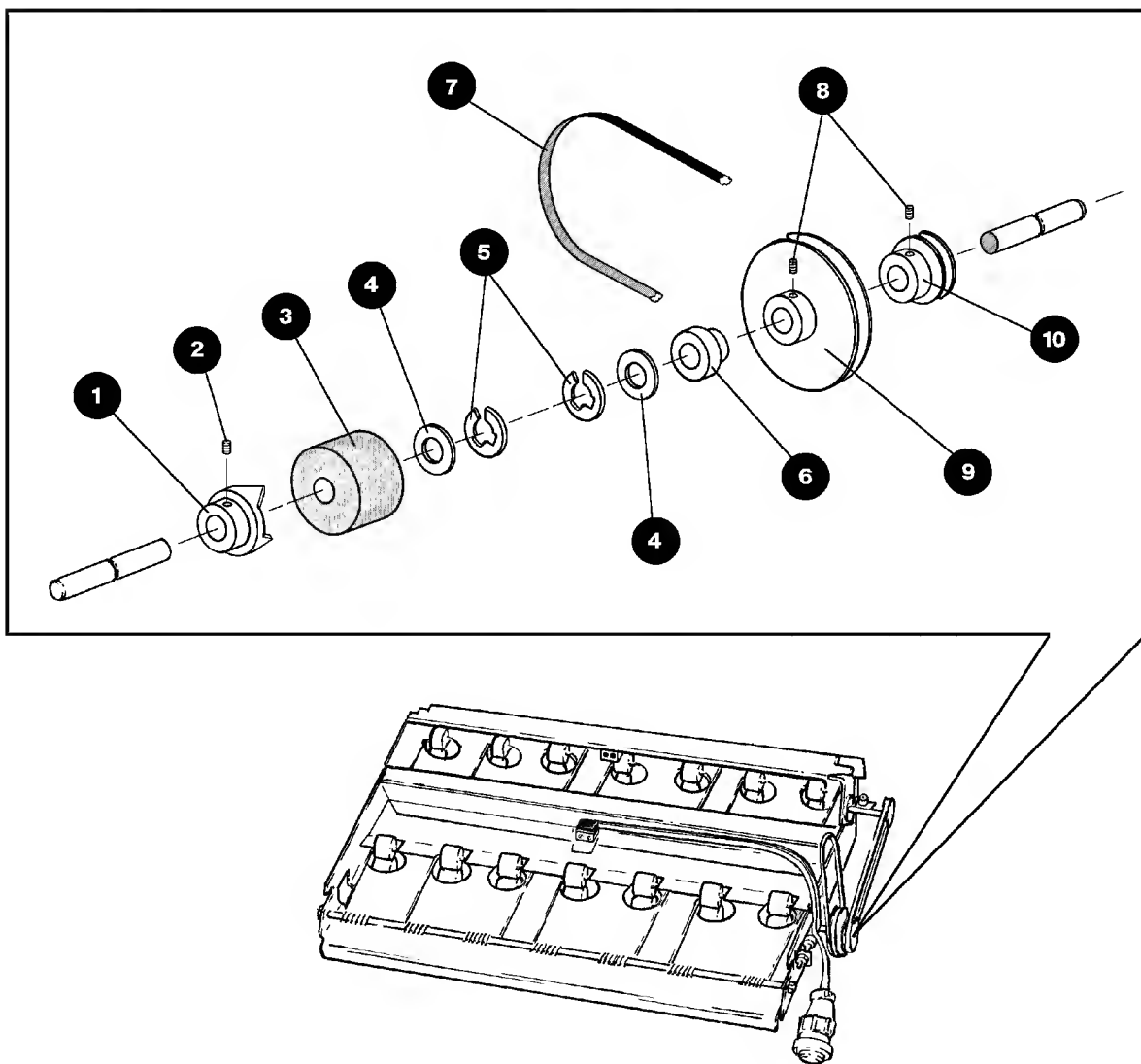


figure 12-3

PARTS LISTING figure 12-3

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9188166.....	ENGAGING DOG.....	7
2.....	4283421.....	THREAD PIN M3X3 use 4278296.....	7
3.....	9188476.....	FELT ROLLER.....	7
4.....	4480471.....	WASHER 5.3mm.....	7
5.....	4500521.....	CIRCLIP 4mm.....	8
6.....	9188461.....	BEARING.....	2
7.....	9188576.....	BELT.....	1
8.....	4281581.....	THREAD PIN M4X8.....	4
9.....	9188446.....	PULLEY.....	1
10.....	9188456.....	PULLEY.....	1

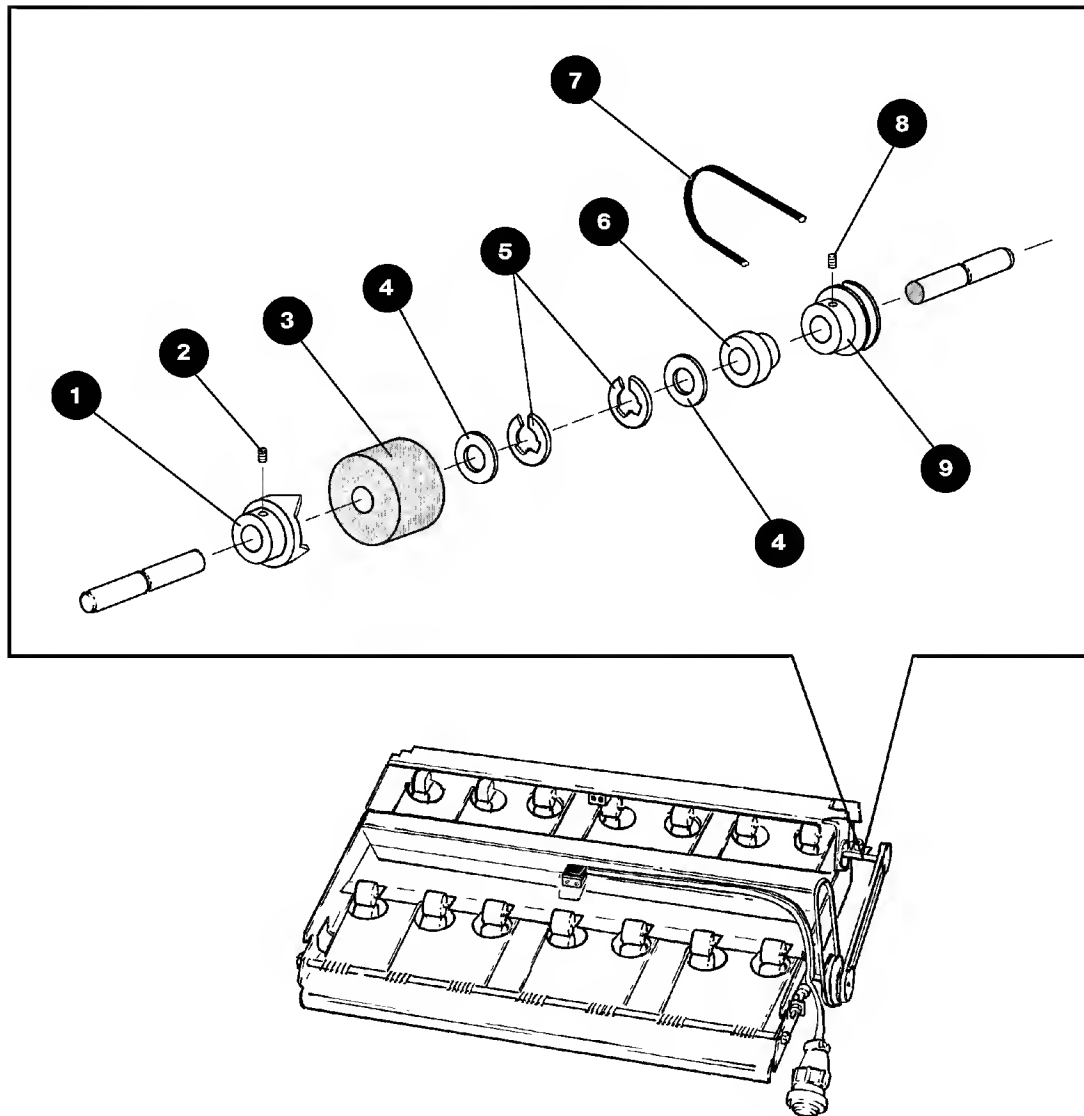


figure 12-4

PARTS LISTING figure 12-4

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9188166.....	ENGAGING DOG.....	7
2.....	4283421.....	THREAD PIN M3X3.....	7
3.....	9188476.....	FELT ROLLER.....	7
4.....	4480471.....	WASHER 5.3mm.....	7
5.....	4500521.....	CIRCLIP 4mm.....	8
6.....	9188461.....	BEARING.....	2
7.....	9188586.....	BELT.....	1
8.....	4281581.....	THREAD PIN M4X8.....	4
9.....	9188456.....	PULLEY.....	1

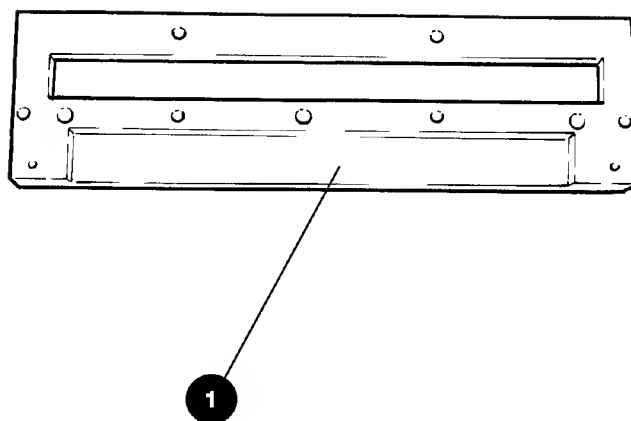


figure 12-5

PARTS LISTING figure 12-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9188596	ADAPTER M6	1

CHAPTER 13

CASSETTES AND MAGAZINES

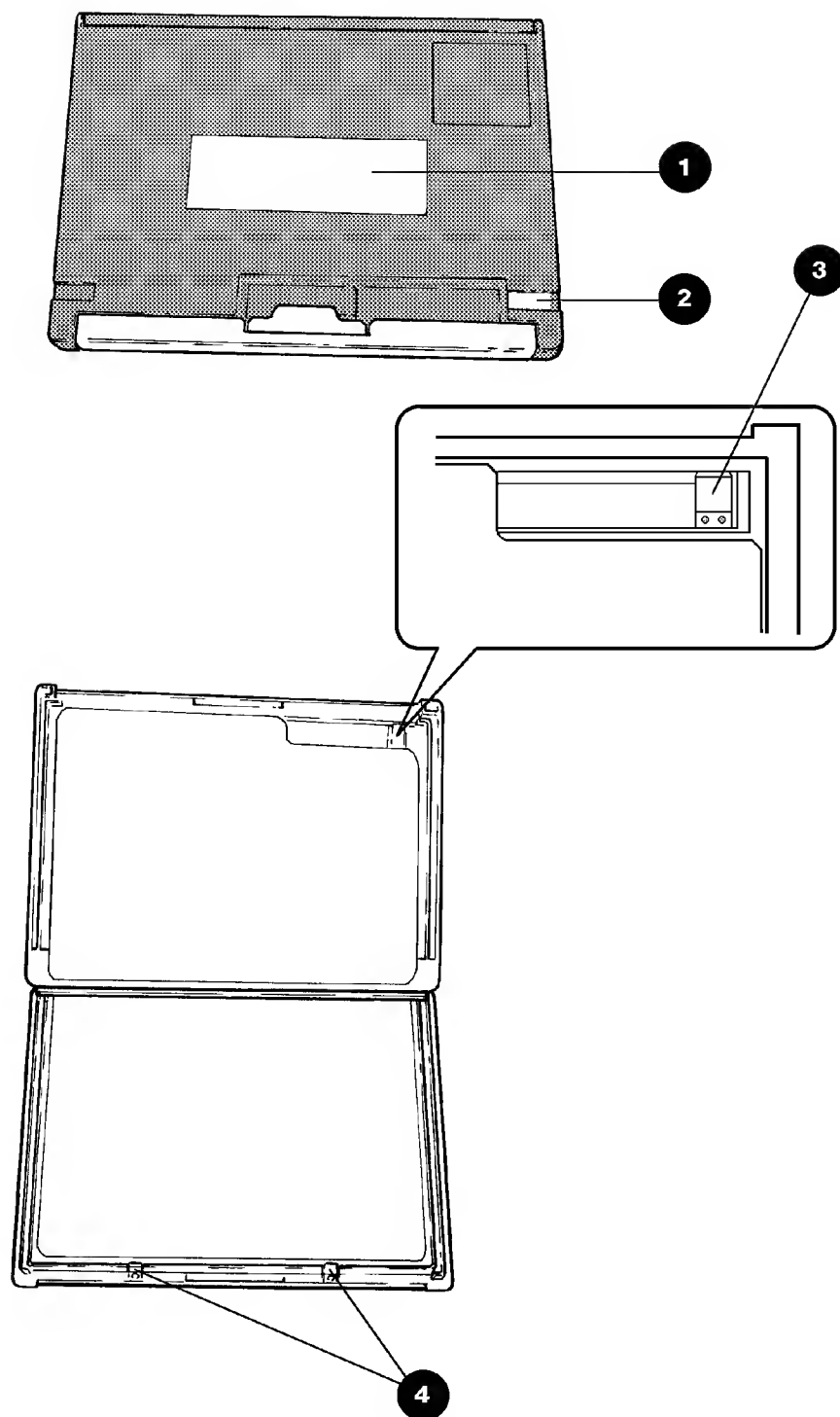
MIN - R 2 CASSETTE

figure 13-1

PARTS LISTING figure 13-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9165311	LABEL REGULAR SCREEN.....	1
1	9165211	LABEL MEDIUM SCREEN.....	1
1	9165411	LABEL FAST SCREEN.....	1
2	9194556	REFLECTIVE FOIL 8 X 15 mm	1
3	9165165	REPAIR KIT SPRING, WINDOW.....	1
4	9165041	SPRING, FILM	2

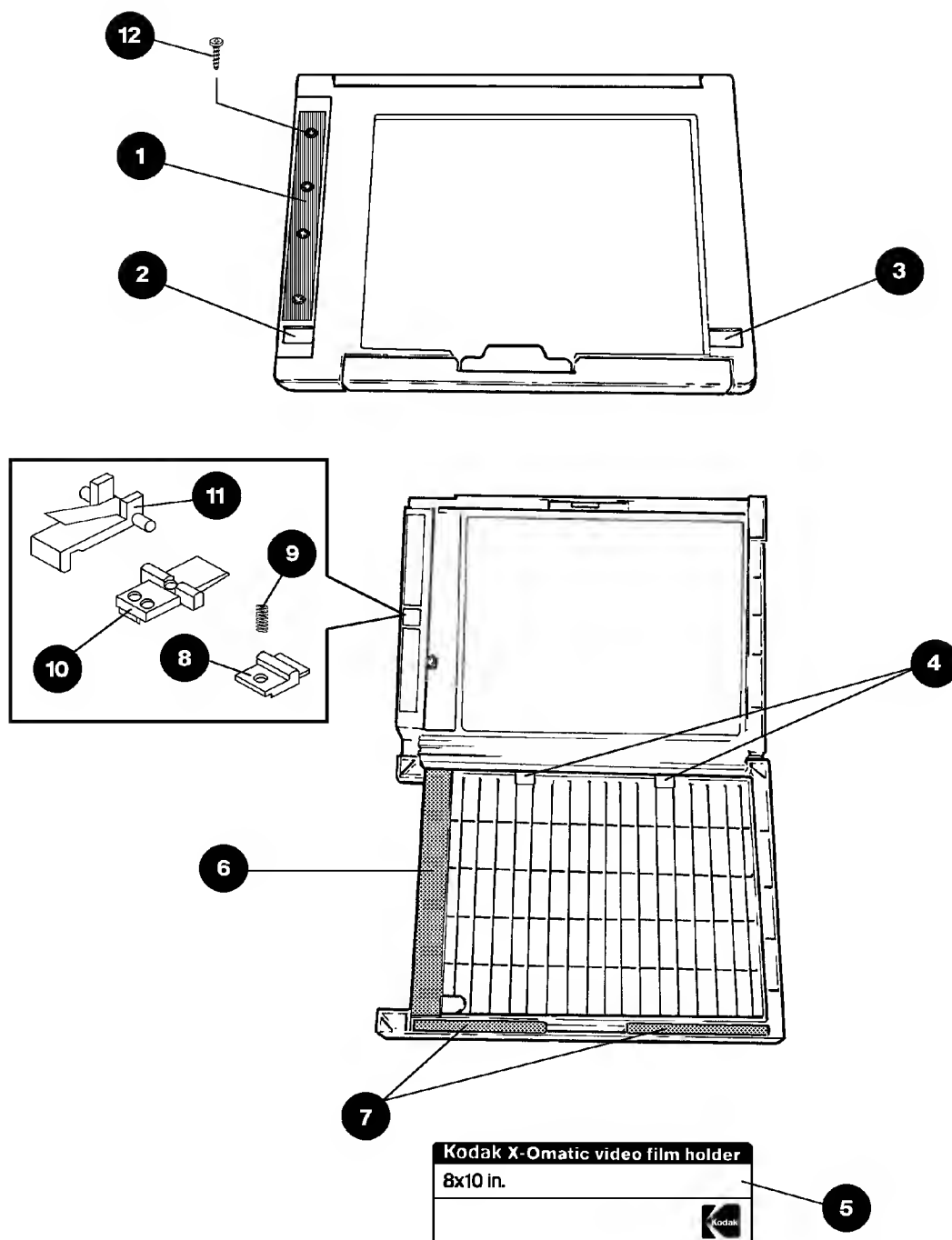
CRT - CASSETTE

figure 13-2

PARTS LISTING figure 13-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9166244	SLIDE	1
2	9194556	REFLECTIVE FOIL 8 X 15 mm	1
3	9194556	REFLECTIVE FOIL 8 X 15 mm	1
4	9166211	SPRING	2
5	9166381	LABEL	1
6	9166221	FELT	1
7	9166451	FELT PAD KIT	1
8	9166261	BUTTON	1
9	9166271	SPRING	3
10	9166281	LATCH 1	1
11	9166294	LATCH 2	1
12	4302192	SCREW 2.9X9.5	4

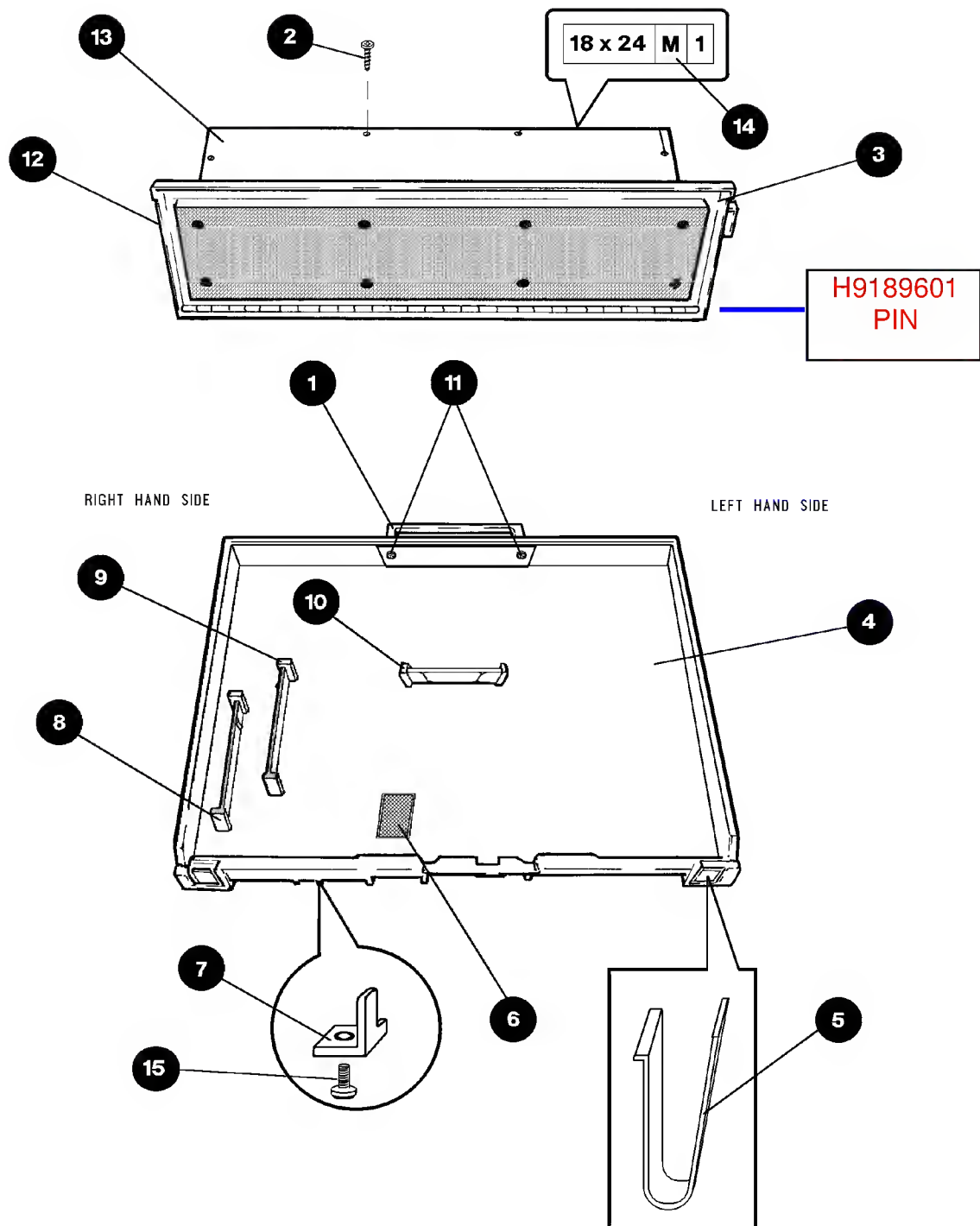


figure 13-3

PARTS LISTING figure 13-3

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9189561.....	HANDLE.....	1
2.....	4291436.....	SCREW M3X16.....	6
3.....	9189586.....	COVER.....	1
4.....	9189516.....	BASE.....	1
5.....	9189527.....	SPRING.....	2
6.....	9189546.....	REFLECTIVE FOIL.....	1
7.....	9189532.....	CODE BRACKET.....	5
8.....	9189631.....	FILM STOP RH.....	1
9.....	9189626.....	FILM STOP LH.....	1
10.....	9189611.....	FILM STOP REAR.....	4
11.....	4291436.....	SCREW M3X16.....	2
12.....	9189656.....	REFLECTIVE FOIL.....	1
13.....	9189573.....	TOP.....	1
14.....	9189996.....	LABEL SET, FILM SIZE.....	1
15.....	4302346.....	SCREW 2.9X6.5.....	5

CHAPTER 14

ADDITIONAL PARTS FOR ML700 PLUS

NOTE

For parts common to ML700 and ML700 PLUS see CHAPTER 1 to 13.

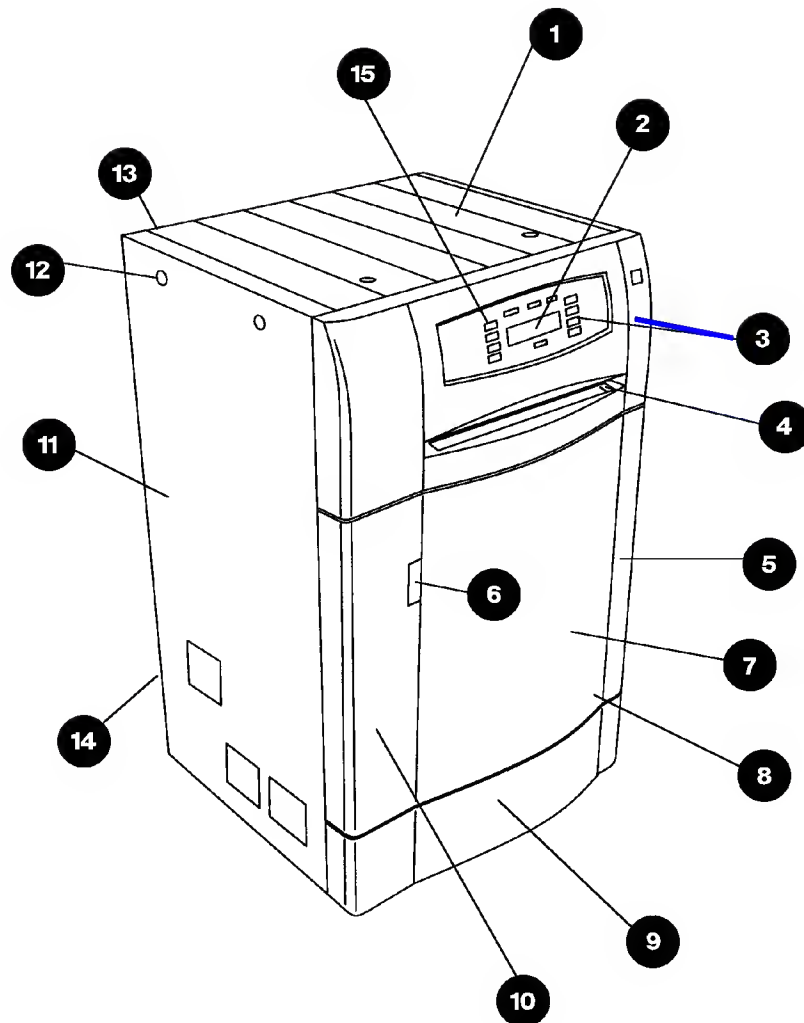


figure 14-1

PARTS LISTING figure 14-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	9280176	TOP COVER	1
2	9287396	DISPLAY	1
3	9280106	HOOD	1
4	9280336	BEARING	2
5	9280136	CORNER, RIGHT	1
6	9280186	FUSE COVER	1
7	9280116	FRONT DOOR use SP9280116	1
8	9280216	BEARING, TOP / BOTTOM	2
9	9280146	PANEL, DRAWER	1
10	9280126	CORNER, LEFT	1
11	9280156	PANEL, LEFT	1
	9280166	PANEL, RIGHT	1
12	9280206	QUARTER TURN SCREW	4
	9280196	CLIP	4
13	9287406	PANEL; REAR small	1
14	9287446	PANEL, REAR large	1

15.....9280386.....CUSTOMER KEYPAD.....1
--

16.....9281680.....A12 PCB-ML700 PLUS.....1

17.....H9187876.....FRONT DOOR STOP+CLIP ASSY.....1

18.....4500521.....C-CLIP, DOOR STOP.....1
--

19.....9280706.....SPRING REPAIR KIT, FRONT DOOR.....1
--

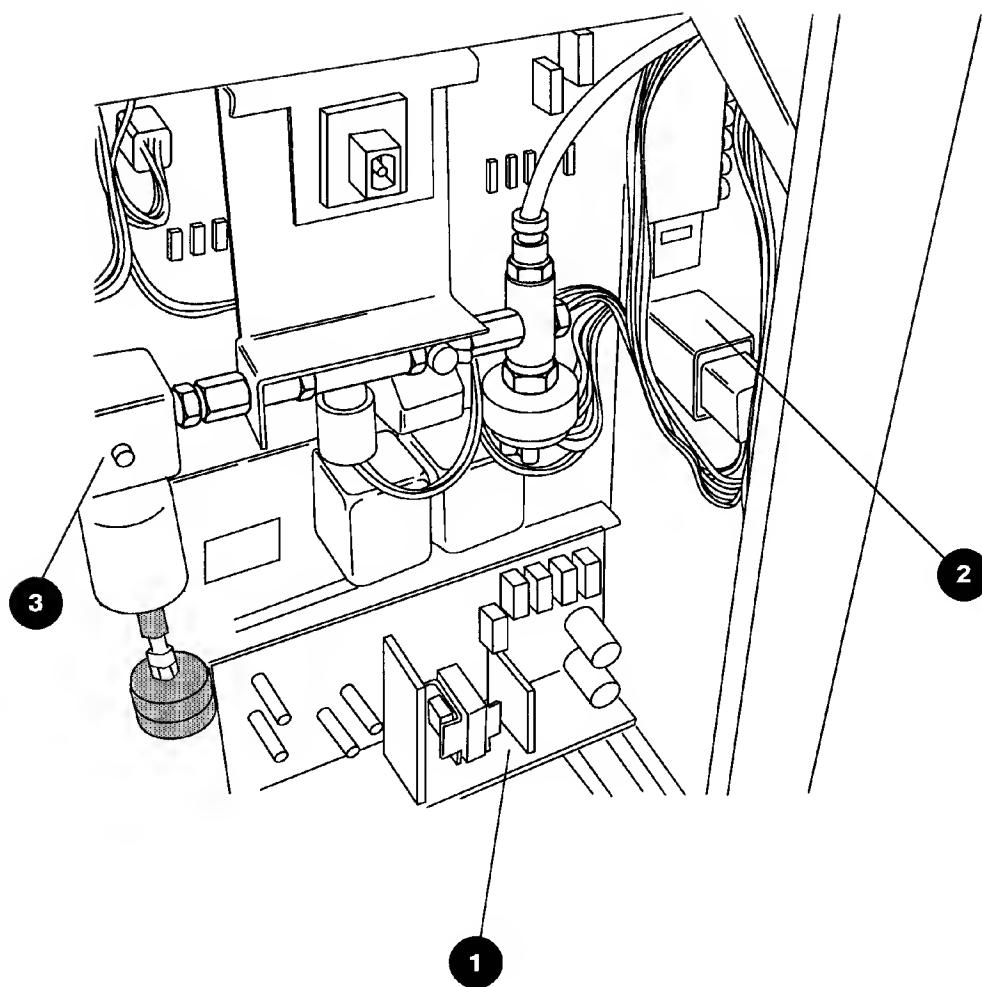


figure 14-2

PARTS LISTING figure 14-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	9281906	POWER SUPPLY	1
2	9280233	DOOR INTERLOCK ASSEMBLY	1
3	9285666	WATER TRAP	1

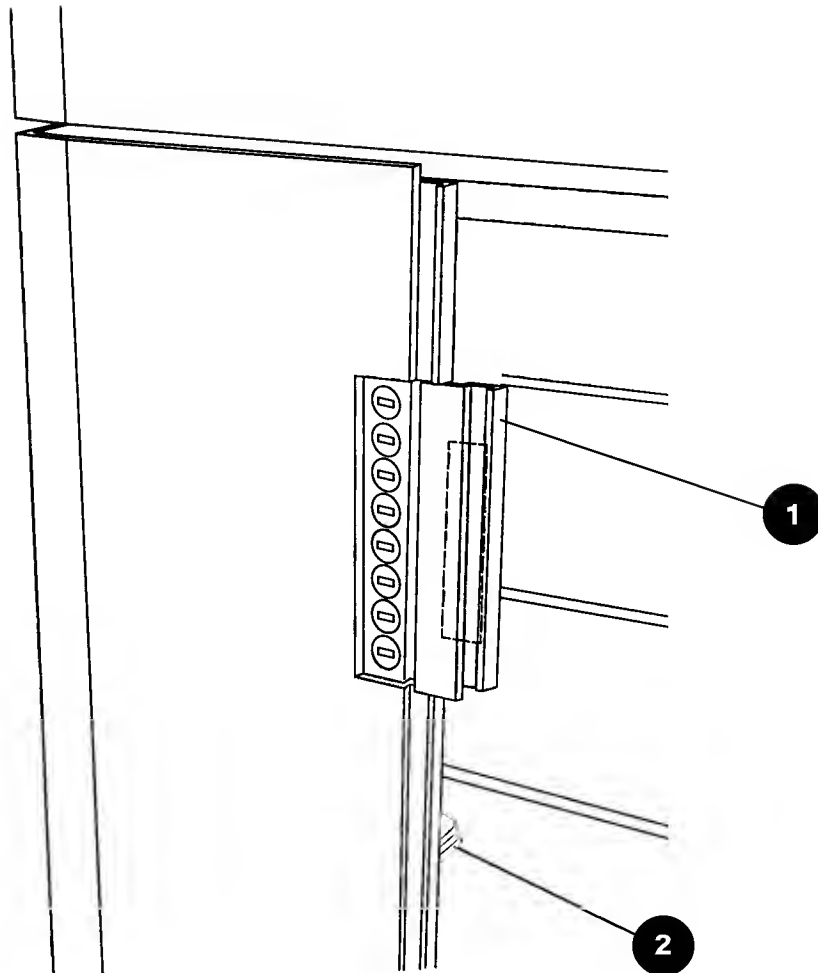


figure 14-3

PARTS LISTING figure 14-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	9280186	FUSE COVER	1
2	9280466	DOOR INTERLOCK GUIDE.....	1

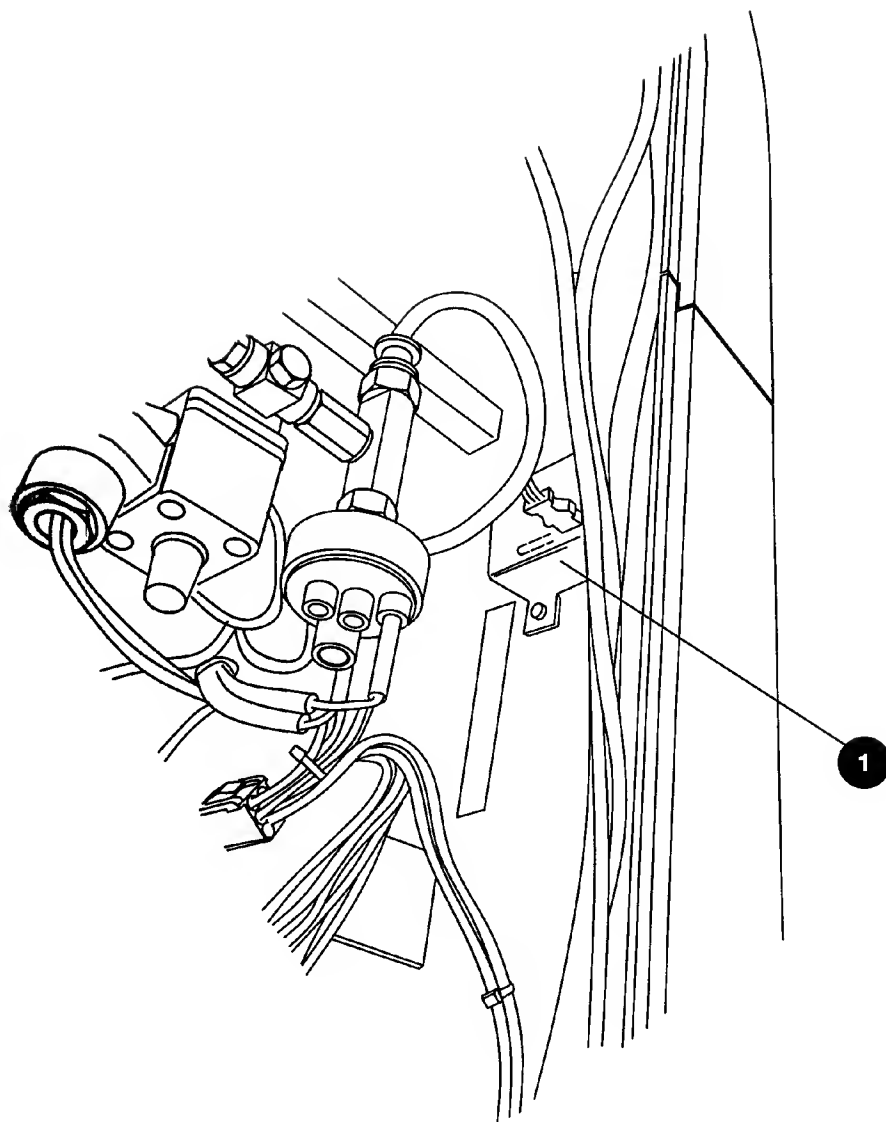


figure 14-4

PARTS LISTING figure 14-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9280253	DOOR SOLENOID ASSEMBLY	1

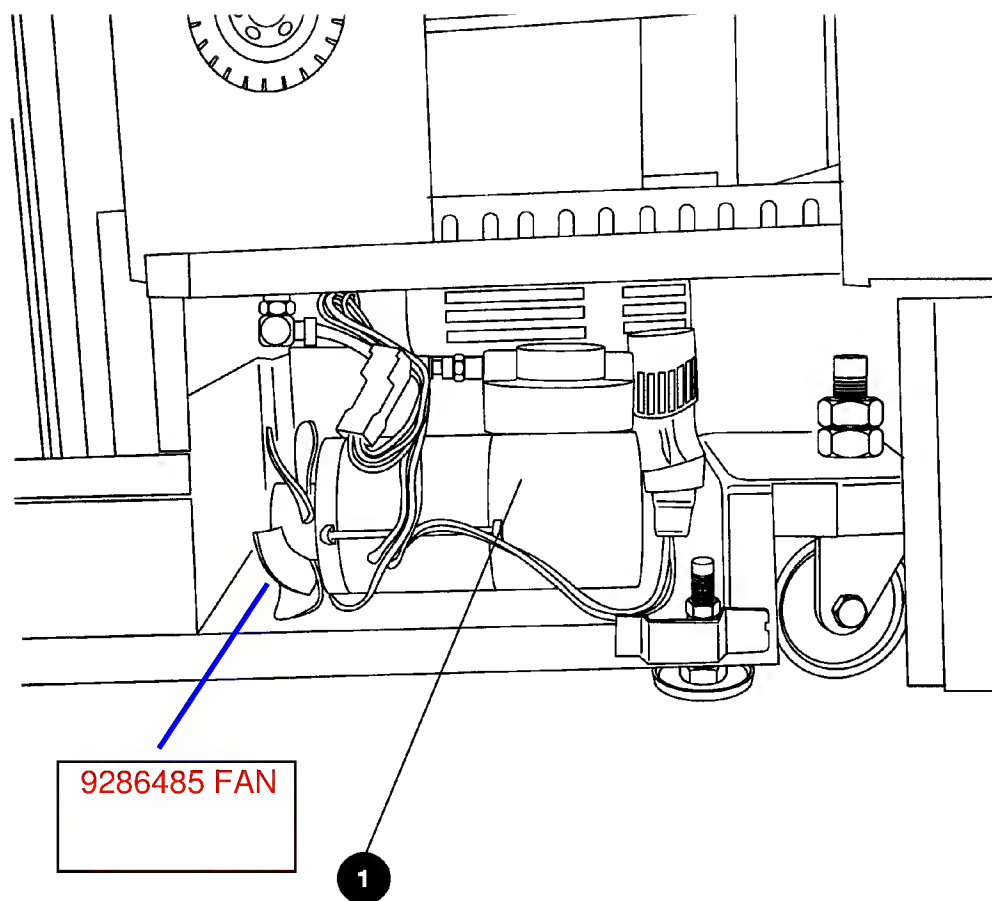


figure 14-5

PARTS LISTING figure 14-5

ITEM No.	PART No.	PART NAME	QUANTITY
1	9286486	COMPRESSOR 50/60 Hz	1
.....	9286487	REPAIR KIT COMPRESSOR PLUS.....	1

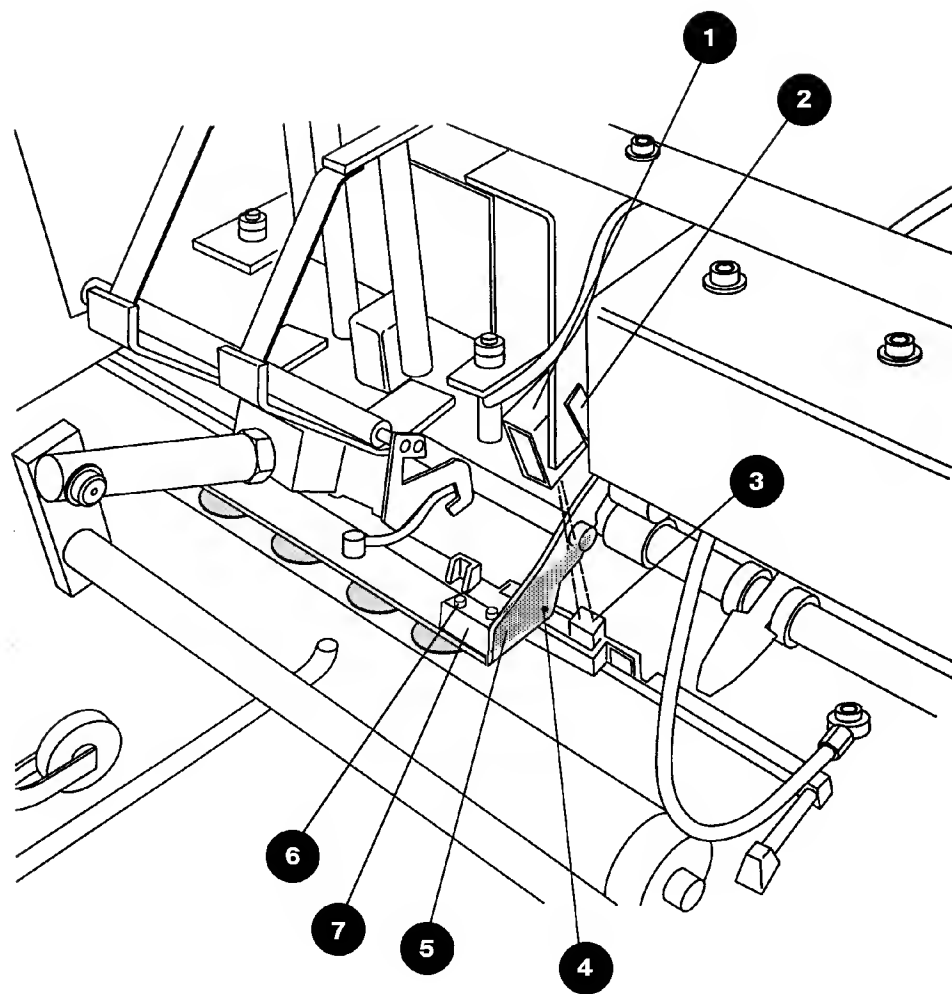


figure 14-6

PARTS LISTING figure 14-6

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9182216	PHOTOCELL B6	1
2.....	4282691	SCREW M3X20.....	1
.....	4470100	WASHER 3.2 mm.....	2
.....	4485810	LOCK WASHER 3.2 mm.....	2
3.....	9194561	REFLECTIVE STICKER	1
4.....	9222050	WHITE SLOTTED BEARING.....	2
5.....	9280356	SUCKERBAR BRACKET.....	1
6.....	4281891	SCREW M2.5X18	4
7.....	9192922	SLIDING BLOCK	2

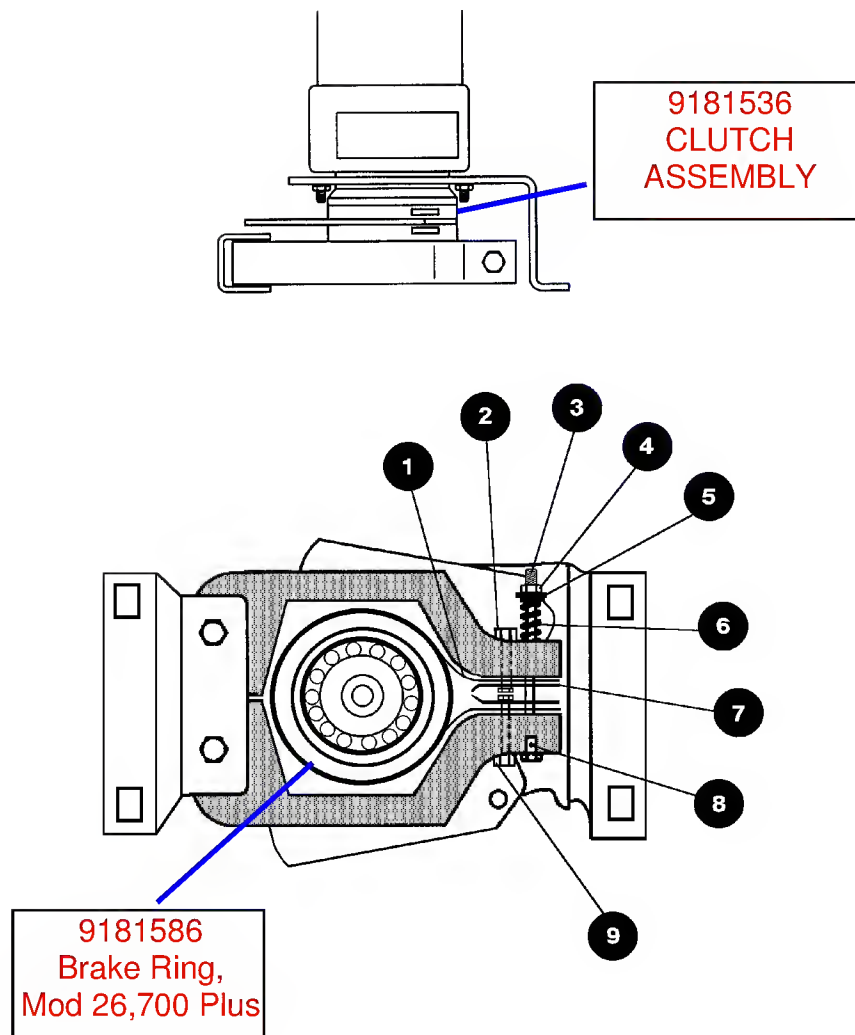


figure 14-7

PARTS LISTING figure 14-7

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9281581	BRAKE BELT	1
2.....	4282691	SCREW M3X20.....	2
3.....	9281541	BOLT	1
4.....	4853031	NUT M5	2
5.....	4280171	WASHER.....	2
6.....	9281621	SPRING.....	1
7.....	9281771	PLATE	2
8.....	4796371	PIN	1
9.....	4853111	NUT M3.....	2

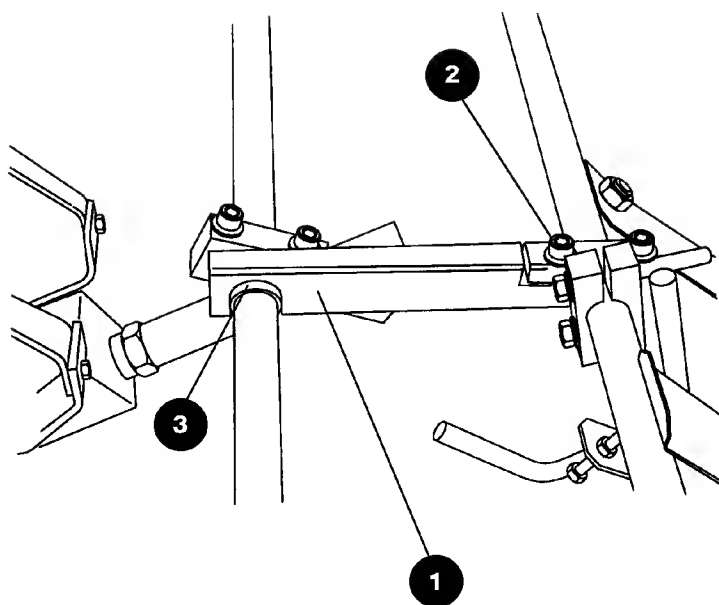


figure 14-8

PARTS LISTING figure 14-8

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	9282501	SPACER.....	1
2.....	4281661	SCREW M4X20.....	2
	4497710	WASHER 4.3mm	2
3.....	9212391	WHITE SLOTTED BEARING.....	2

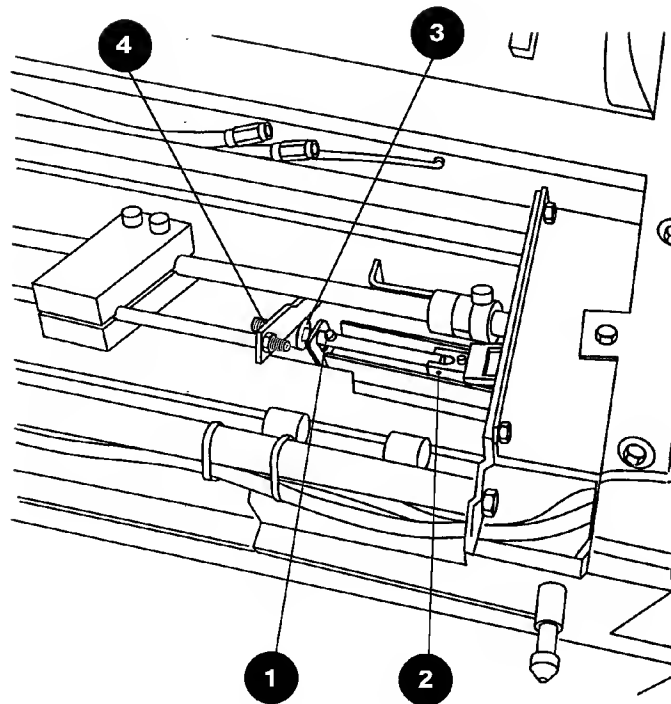


figure 14-9

PARTS LISTING figure 14-9

ITEM No.	PART No.	PART NAME	QUANTITY
1.....	4281551	ADJUSTMENT SCREW	1
.....	4853241	NUT M3	1
2.....	4719331	PIN	1
3.....	9185561	BALL BEARING	1
4.....	4480032	WASHER 4.3mm	1
.....	4853256	NUT M4	1

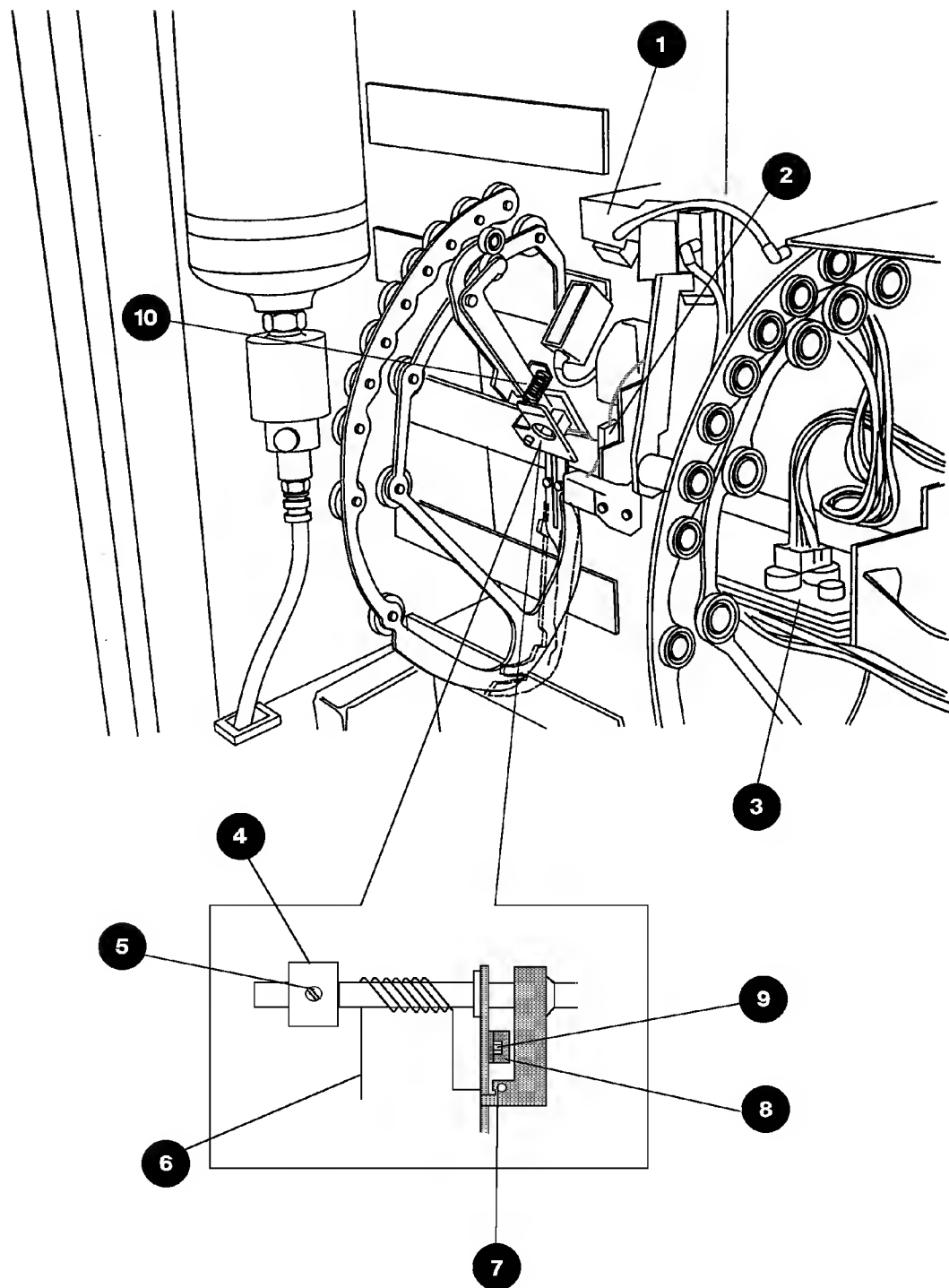


figure 14-10

PARTS LISTING figure 14-10

ITEM No.	PART No.	PART NAME	QUANTITY
1	9284506	FILM POCKET ARM ASSEMBLY	1
2	9284016	CABLE, DOUBLE FILM SENSOR TO PCB A7 Plus.....	1
3	9284270	PCB A7 Plus	1

CAUTION**PCB A7 Plus must not be used in a ML700**

4	4440021	COLLAR	1
5	4276310	GRUB SCREW M4X6	1
6	9214271	SPRING	1
7	9214981	ADJUSTMENT SCREW	1
.....	4500581	C-RING	1
8	9284026	SENSOR B14 DFS	1
9	8326899	SCREW M3X6	2
10	9214471	SPRING	1

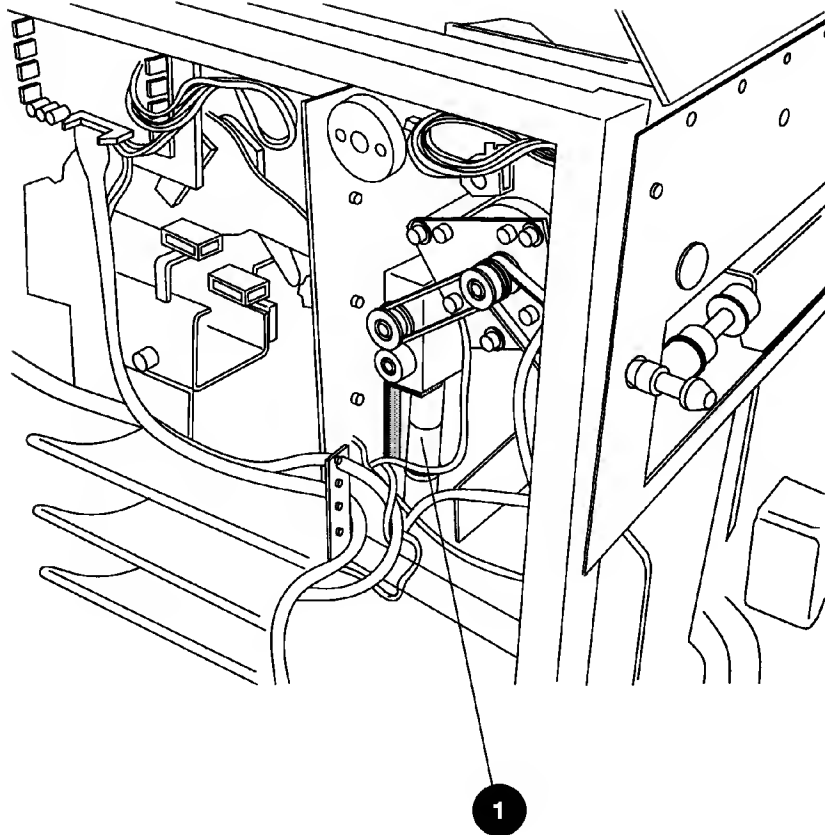


figure 14-11

PARTS LISTING figure 14-11

ITEM No.	PART No.	PART NAME	QUANTITY
1	9288426	HUMIDITY SENSOR	1

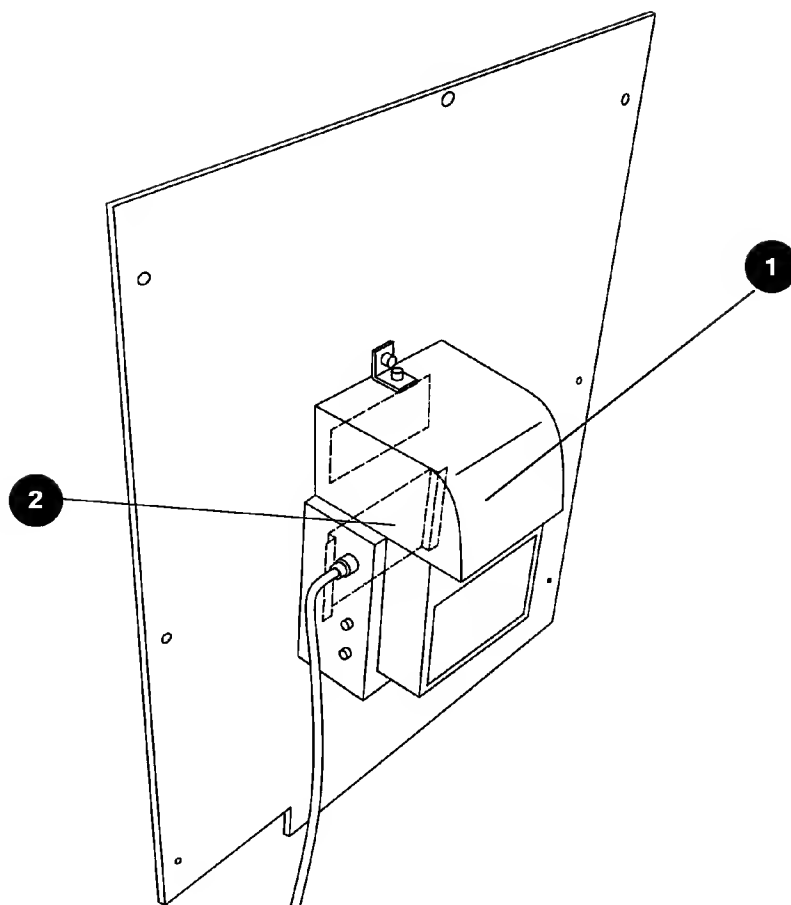


figure 14-12

PARTS LISTING figure 14-12

ITEM No.	PART No.	PART NAME	QUANTITY
1	9288006	HUMIDIFIER ASSEMBLY COMPLETE	1
2	9281046	RESISTOR 27 Ohm 7W	1

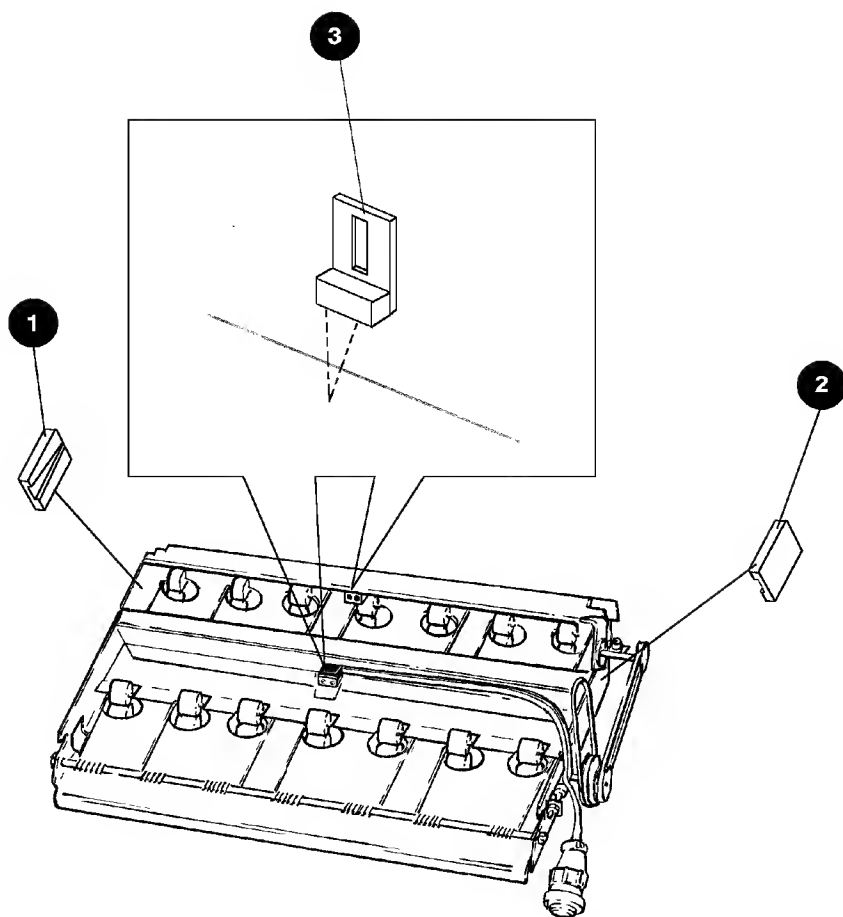


figure 14-13

PARTS LISTING figure 14-13

ITEM No.	PART No.	PART NAME	QUANTITY
1	9192531	FILM GUIDE LEFT	1
2	9192521	FILM GUIDE RIGHT	1
3	9180757	SENSOR B7 / B8 with MOUNTING CLIPS (2)	2

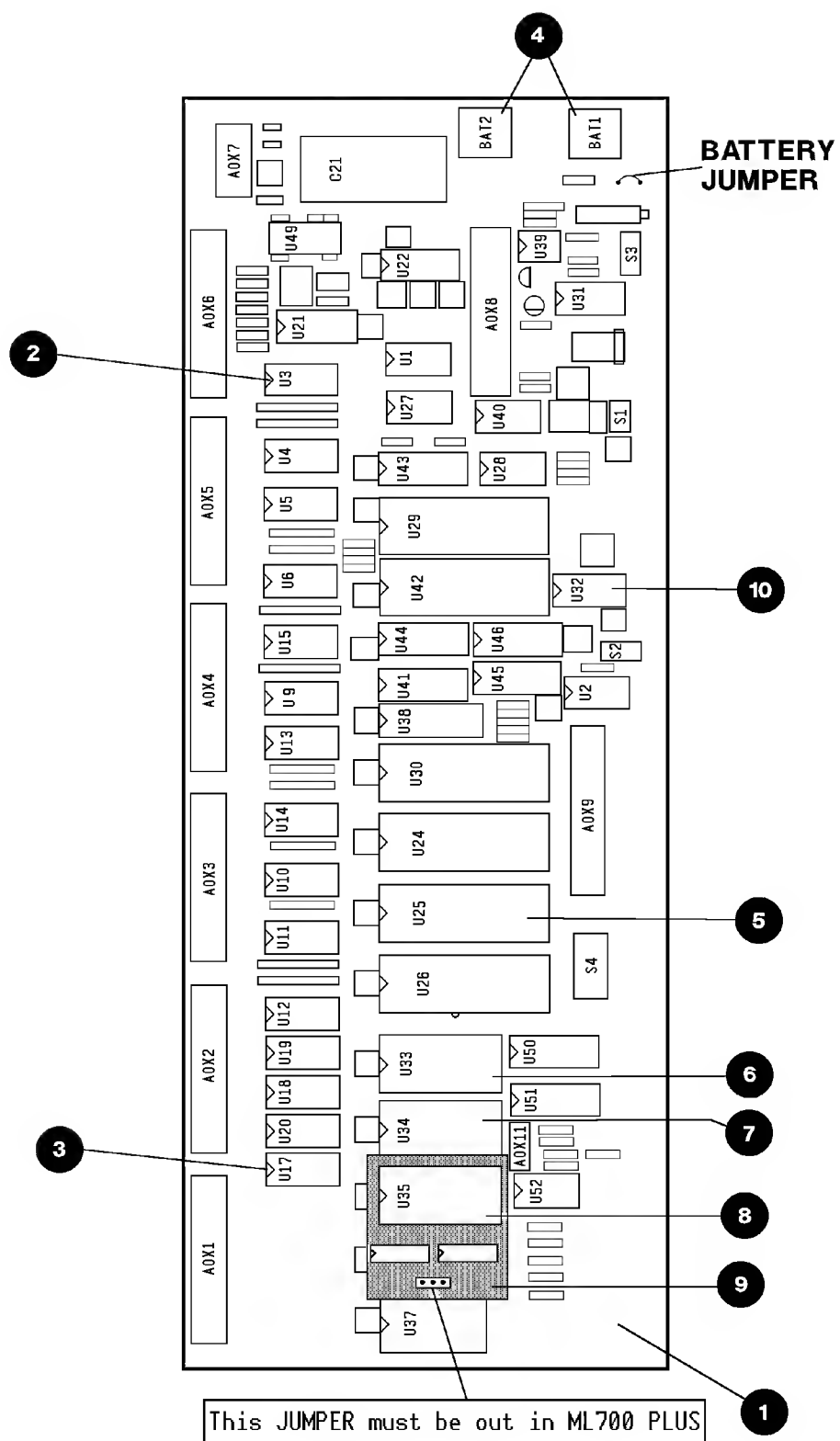


figure 14-14

PARTS LISTING FIGURE 14-14

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9189076	PCB A0 MASTER PROCESSOR.....	1
2.....	8374927	OPTO COUPLER ILQ1 U3...U6, U9, U10...U15.....	11
3.....	4526041	75468 U17...U20	4
4.....	9151121	BATTERY 1.2V	2
5.....	4526191	8255 A-2 U24, U25, U26, U30	4
6.....	9281336	SOFTWARE VERSION 5.0 U33	1
	9281346	SOFTWARE VERSION 5.0 U34	1
7.....	9281356	LANGUAGE EPROM U35 (all languages)	1
8.....	9151281	CLOCK CHIP U32	1

use.....9285017....V5.2 SW set for ML700 Plus, includes U33, U34, U35 and
U3-PCB A2

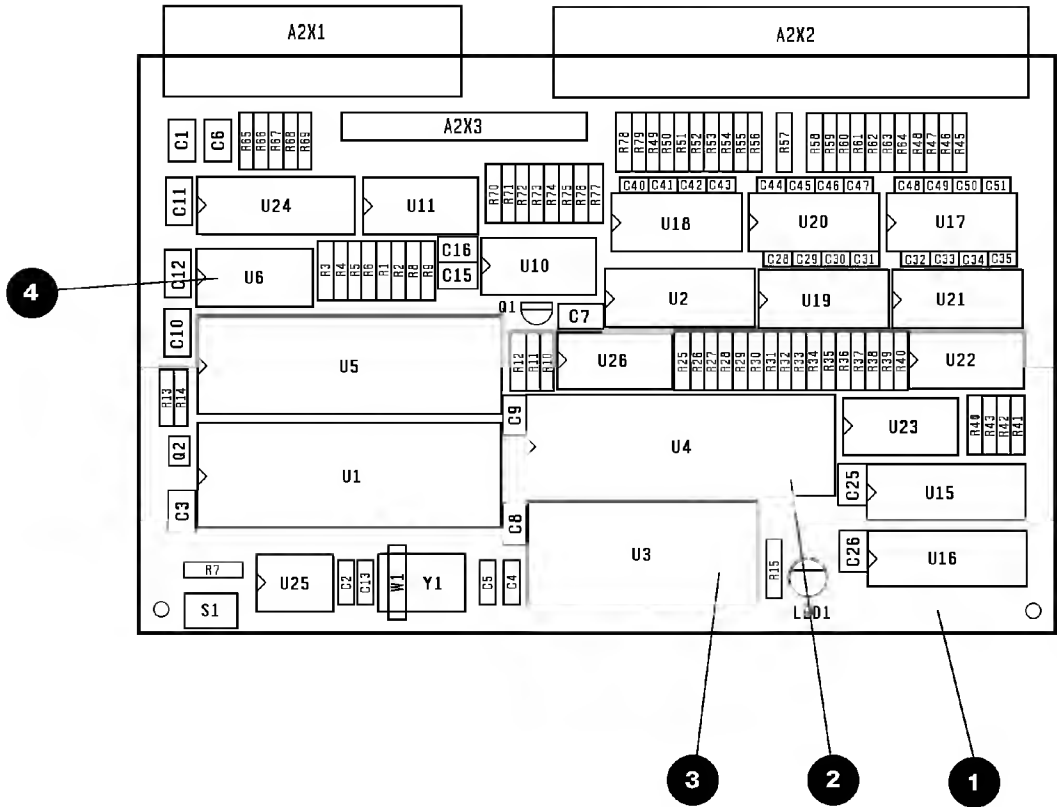


figure 14-15

PARTS LISTING FIGURE 14-15

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9188906	PCB A2 SLAVE PROCESSOR	1
2.....	4526191	8255 A-2 U4.....	1
3.....	9281366	SOFTWARE VERSION 5.0, U3 use 9285017 V5.2 SW KIT	1*
4.....	4527291	74LS05 U6, U10, U11.....	3

*** NOTE**

This software can only be used in a ML700 PLUS

PCB A4 Plus 50Hz

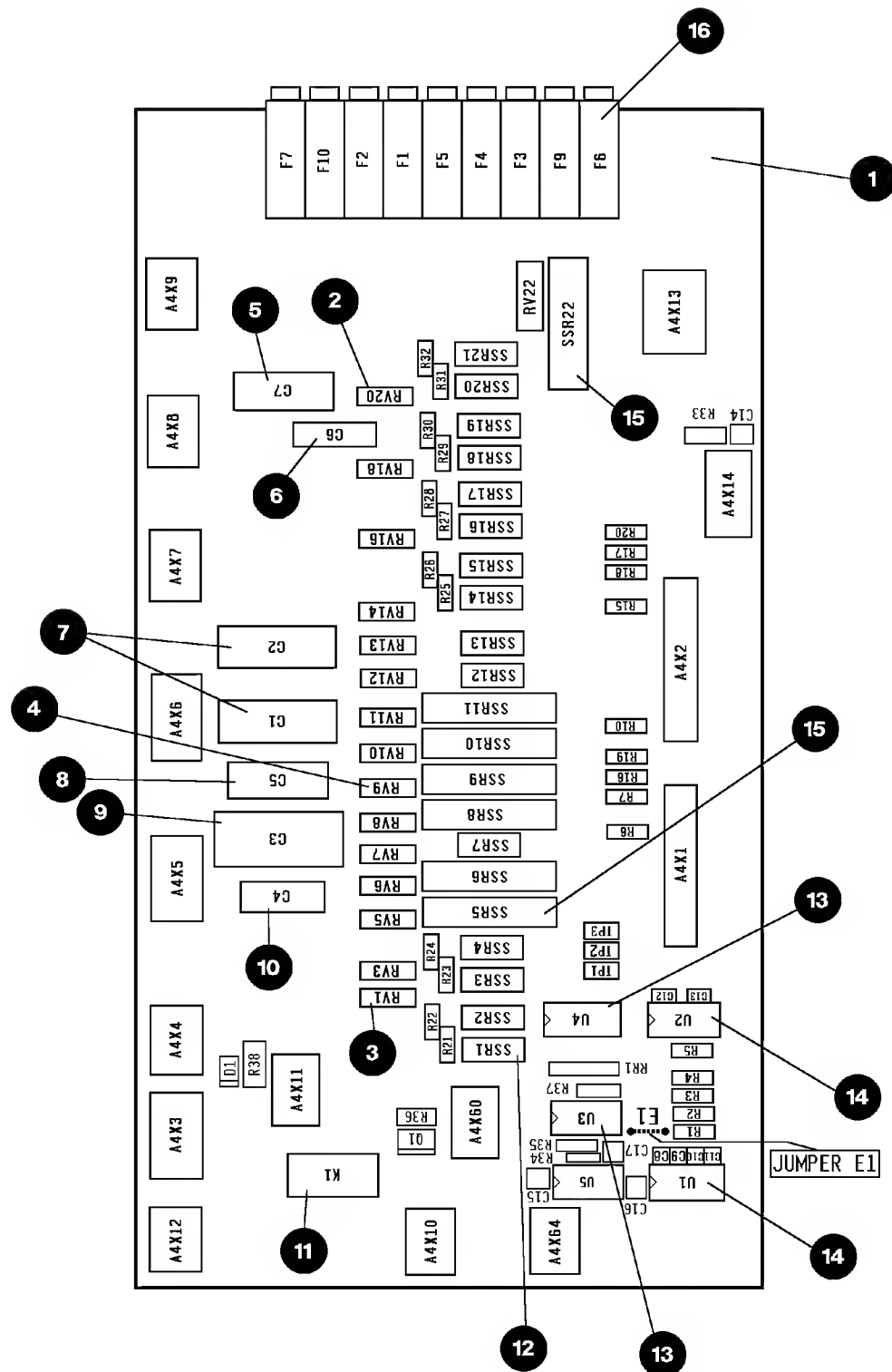


figure 14-16

PARTS LISTING FIGURE 14-16**PCB A4 Plus 50Hz**

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9287160.....	PCB A4 Plus POWER ELECTRONIC 50 Hz.....	1
2.....	4529311.....	VDR S14K300UL RV14, 16, 18, 20.....	4
3.....	4526521.....	VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22.....	10
4.....	4529321.....	VDR S10K385 RV8, 9.....	2
5.....	4527741.....	CAPACITOR C7 0.4 μ F.....	1
6.....	4526051.....	CAPACITOR C6 0.15 μ F.....	1
7.....	4526091.....	CAPACITOR C1 C2 1 μ F.....	2
8.....	4534481.....	CAPACITOR C5 0.68 μ F.....	1
9.....	4526101.....	CAPACITOR C3 2.2 μ F.....	1
10.....	4527781.....	CAPACITOR C4 0.25 μ F.....	1
11.....	4524181.....	RELAY K1.....	1
12.....	4534431.....	SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21.....	15
13.....	4526041.....	DRIVER 75468 U3, U4.....	2
14.....	8374927.....	OPTO COUPLER ILQ1 U1, U2.....	2
15.....	4531976.....	SSR CX 3080D SSR 5, 6, 8...11, 22.....	1
16.....	4526031.....	FUSE F1, F2 0.315A.....	2
.....	4521301.....	FUSE F3 0.4A.....	1
.....	4527101.....	FUSE F4, F6 0.05A.....	2
.....	4516521.....	FUSE F5, F7 0.1A.....	2
.....	4515681.....	FUSE F9, F10 1.0A.....	2

NOTE

PCB A4 Plus can be used in ML700 Plus and in ML700. Select setting of JUMPER E1 as given in the table below.

	JUMPER E1
ML700 Plus	IN
ML700	OUT

PCB A4 Plus 60Hz

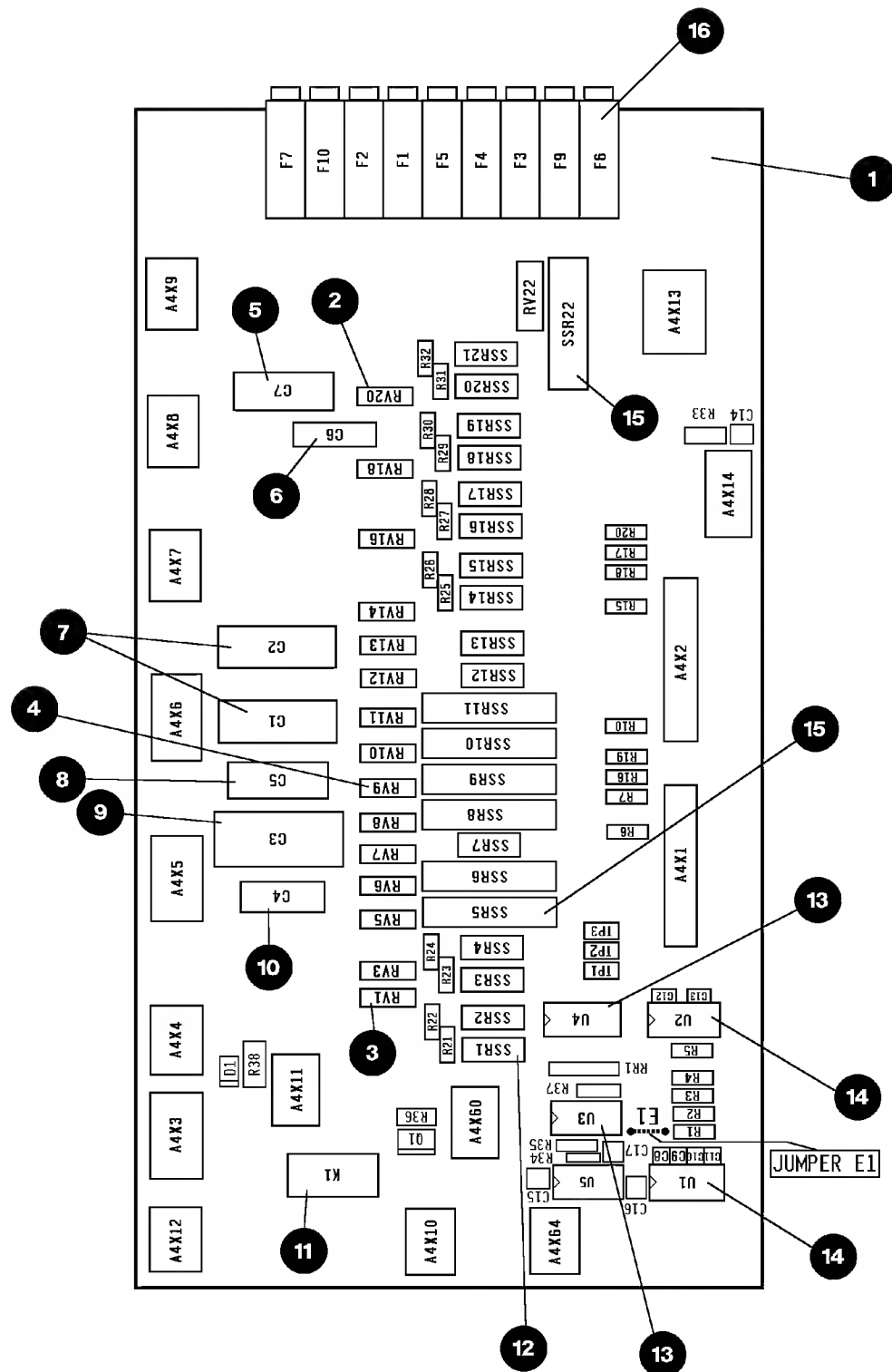


figure 14-17

PARTS LISTING FIGURE 14-17**PCB A4 Plus 60Hz**

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9287180.....	PCB A4 Plus POWER ELECTRONIC 60 Hz.....	1
2.....	4529311.....	VDR S14K300UL RV14, 16, 18, 20.....	4
3.....	4526521.....	VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22.....	10
4.....	4529321.....	VDR S10K385 RV8, 9.....	2
5.....	4527741.....	CAPACITOR C7 0.4 μ F.....	1
6.....	4526051.....	CAPACITOR C6 0.15 μ F.....	1
7.....	4526091.....	CAPACITOR C1 C2 1 μ F.....	2
8.....	4534481.....	CAPACITOR C5 0.68 μ F.....	1
9.....	4527721.....	CAPACITOR C3 1.8 μ F.....	1
10.....	4527751.....	CAPACITOR C4 0.27 μ F.....	1
11.....	4524181.....	RELAY K1.....	1
12.....	4534431.....	SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21.....	15
13.....	4526041.....	DRIVER 75468 U3, U4.....	2
14.....	8374927.....	OPTO COUPLER ILQ1 U1, U2.....	2
15.....	4531976.....	SSR CX 3080D SSR 5, 6, 8...11, 22.....	1
16.....	4527131.....	FUSE F1, F2, F3 0.375A.....	3
.....	4527111.....	FUSE F4, F6 0.062A.....	2
.....	4527121.....	FUSE F5, F7 0.1A.....	2
.....	4527511.....	FUSE F9, F10 1.0A.....	2

NOTE

PCB A4 Plus can be used in ML700 Plus and in ML700. Select setting of JUMPER E1 as given in the table below.

	JUMPER E1
ML700 Plus	IN
ML700	OUT

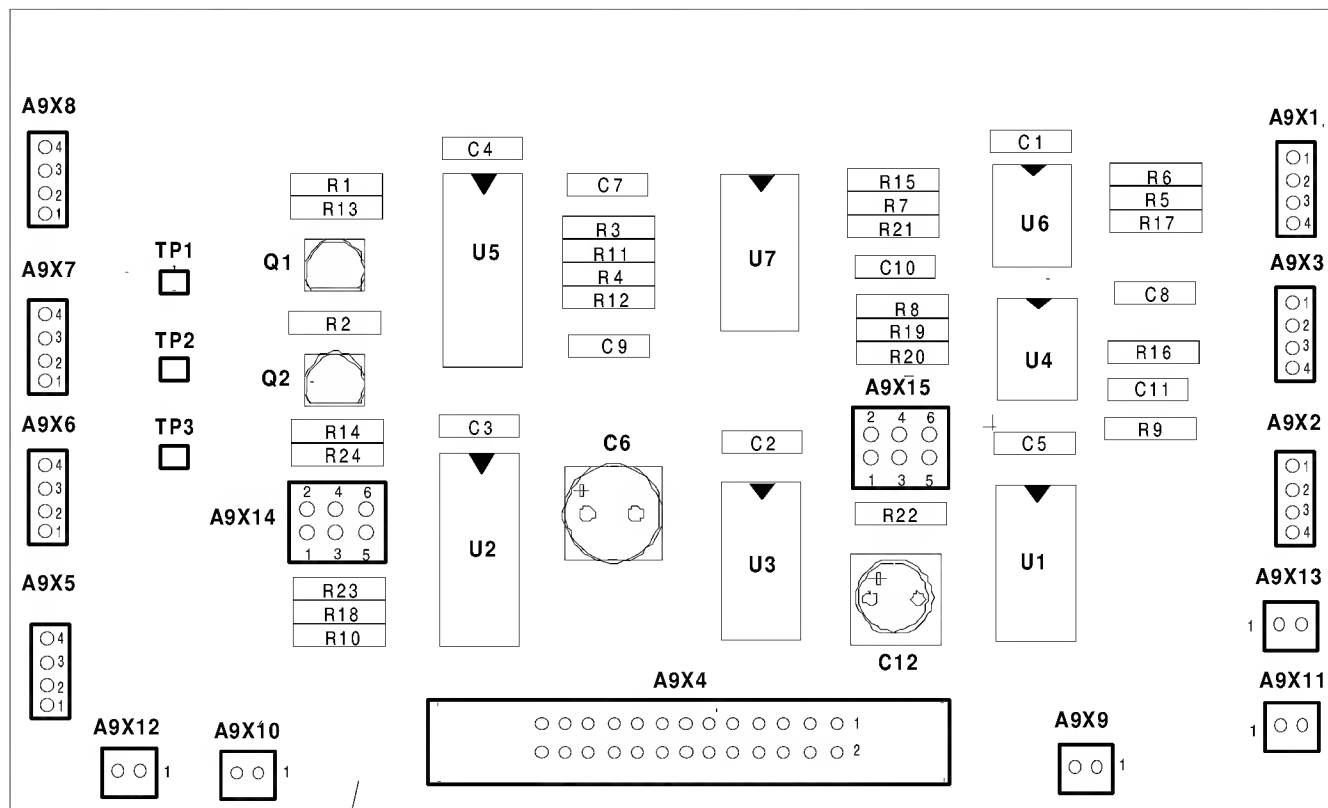


figure 14-18

PARTS LISTING FIGURE 14-18

ITEM NO.	PART NO.	PART NAME	QUANTITY
1.....	9283620	PCB A9 Plus	1

CAUTION

PCB A9 Plus must not be used in a ML700

2.....	9284270.....	PCB A7 Plus.....	1
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3.....	9281680.....	PCB A12 Plus.....	1
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CHAPTER 15

CONNECTORS

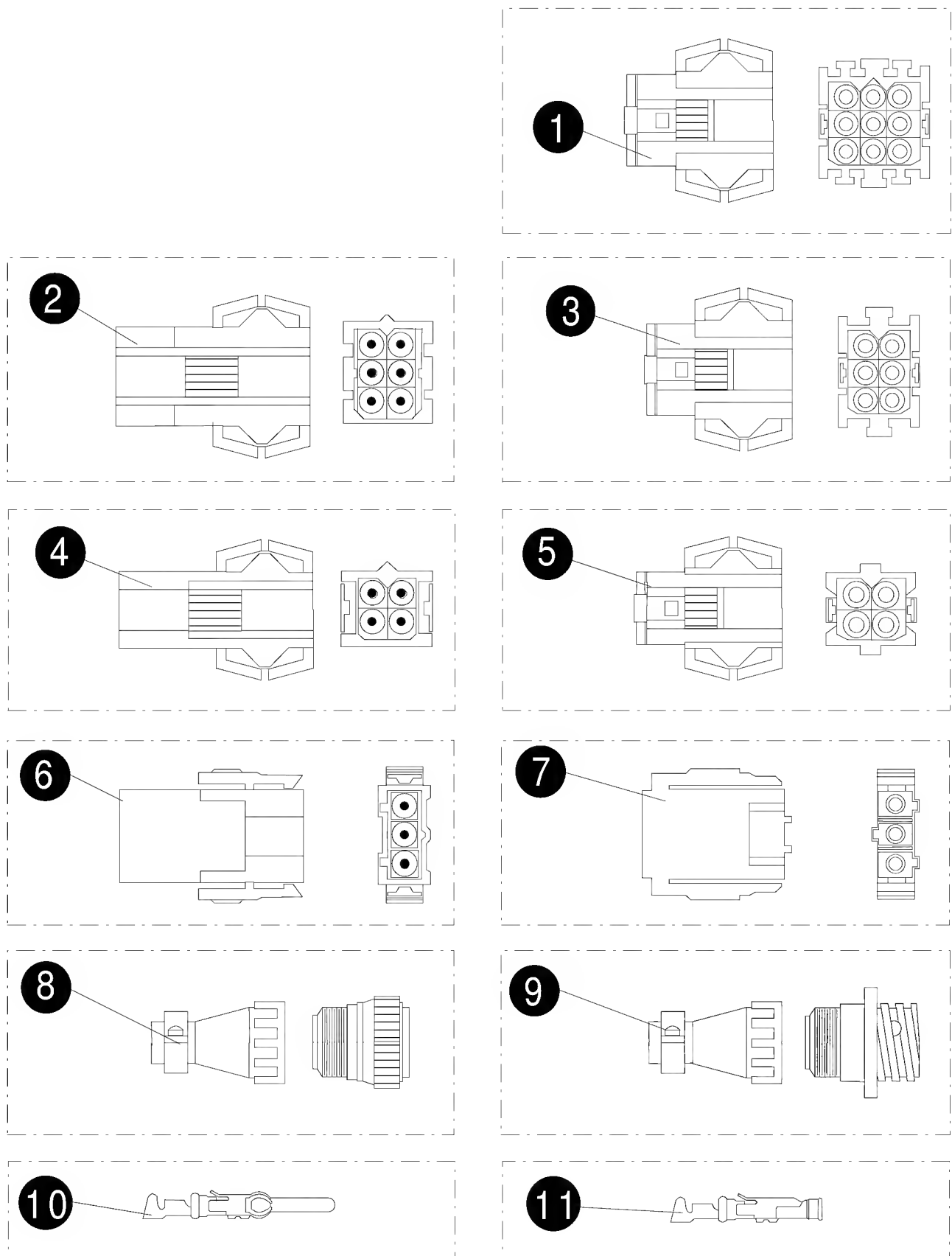


figure 15-1

PARTS LISTING figure 15-1

ITEM No.	PART No.	PART NAME	QUANTITY
1	G9904146	AMP PLUG 9 PIN 207439-1	1
2	G9904143	AMP RECEPTACLE 6 PIN 207153-1	1
3	G9904142	AMP PLUG 6 PIN 207152-1	1
4	G9904141	AMP RECEPTACLE 4 PIN 207016-1	1
5	G9904141	AMP PLUG 4 PIN 207015-1	1
6	G9904144	AMP RECEPTACLE 3 PIN 207359	1
7	G9904145	AMP PLUG 3 PIN 207360	1
8	G9904138	AMP PLUG 14 PIN 182649-1	1
9	G9904139	AMP RECEPTACLE 14 PIN 182641-1	1
10	G9904131	AMP PIN AWG 16-18 1-163082-0	1*
	G9904133	AMP PIN AWG 20-24 1-163086-0	1*
	G9904135	AMP PIN AWG 24-26 1-163090-0	1*
11	G9904132	AMP SOCKET AWG 16-18 1-163084-0	1*
	G9904134	AMP SOCKET AWG 20-24 1-163088-0	1*
	G9904136	AMP SOCKET AWG 24-26 1-163092-0	1*

* NOTE

Quantity of 1= 10 pieces in a package

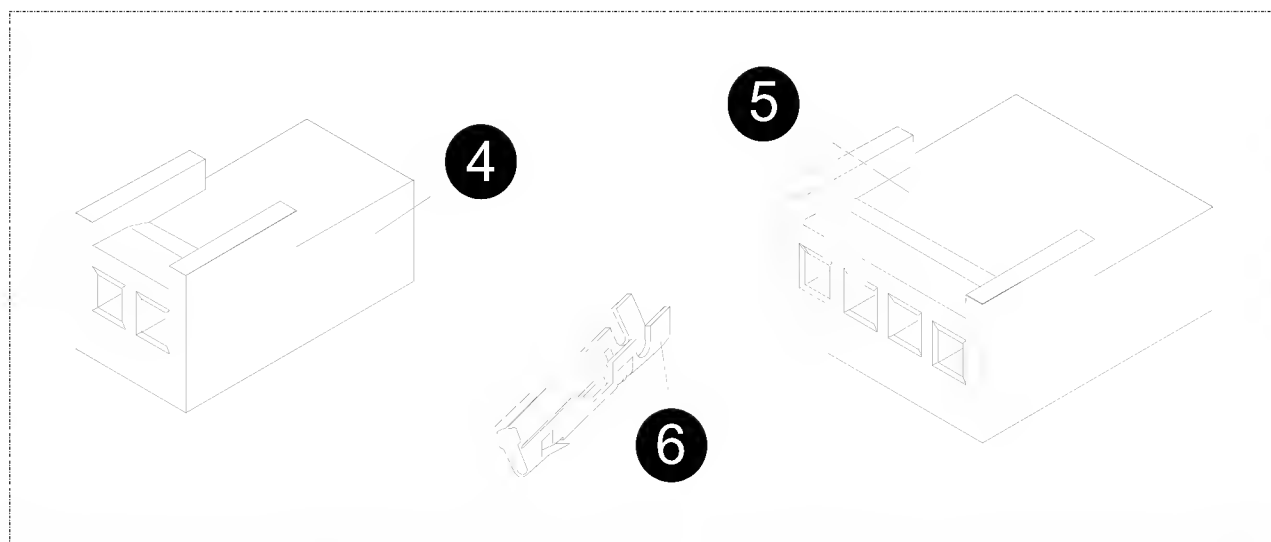
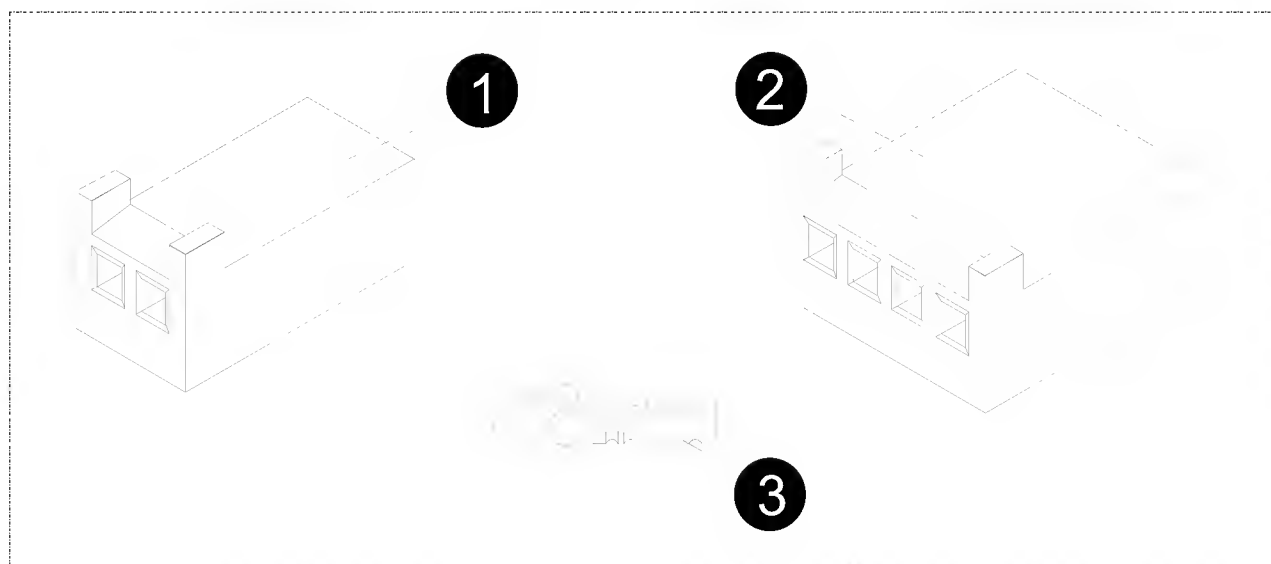


figure 15-2

PARTS LISTING figure 15-2

ITEM No.	PART No.	PART NAME	QUANTITY
1	G9904154	MOLEX HOUSING 2 PIN 2695 21-01-3027	1
2	G9904155	MOLEX HOUSING 4 PIN 2695 22-01-3047	1
3	G9904156	MOLEX CRIMP TERMINAL 2759 08-55-01021	1*
4	G9904157	MOLEX HOUSING 2 PIN 5102 22-01-1024	1
5	G9904158	MOLEX HOUSING 4 PIN 5102 22-01-1044	1
6	G9904159	MOLEX CRIMP TERMINAL 5103 08-70-0057	1*
7	G9904165	MOLEX PLUG HOUSING 5240 29-11-0042	1
8	G9904147	MOLEX PIN AWG 22-28 5241 08-70-0103	1*

* NOTE

Quantity of 1= 10 pieces in a package

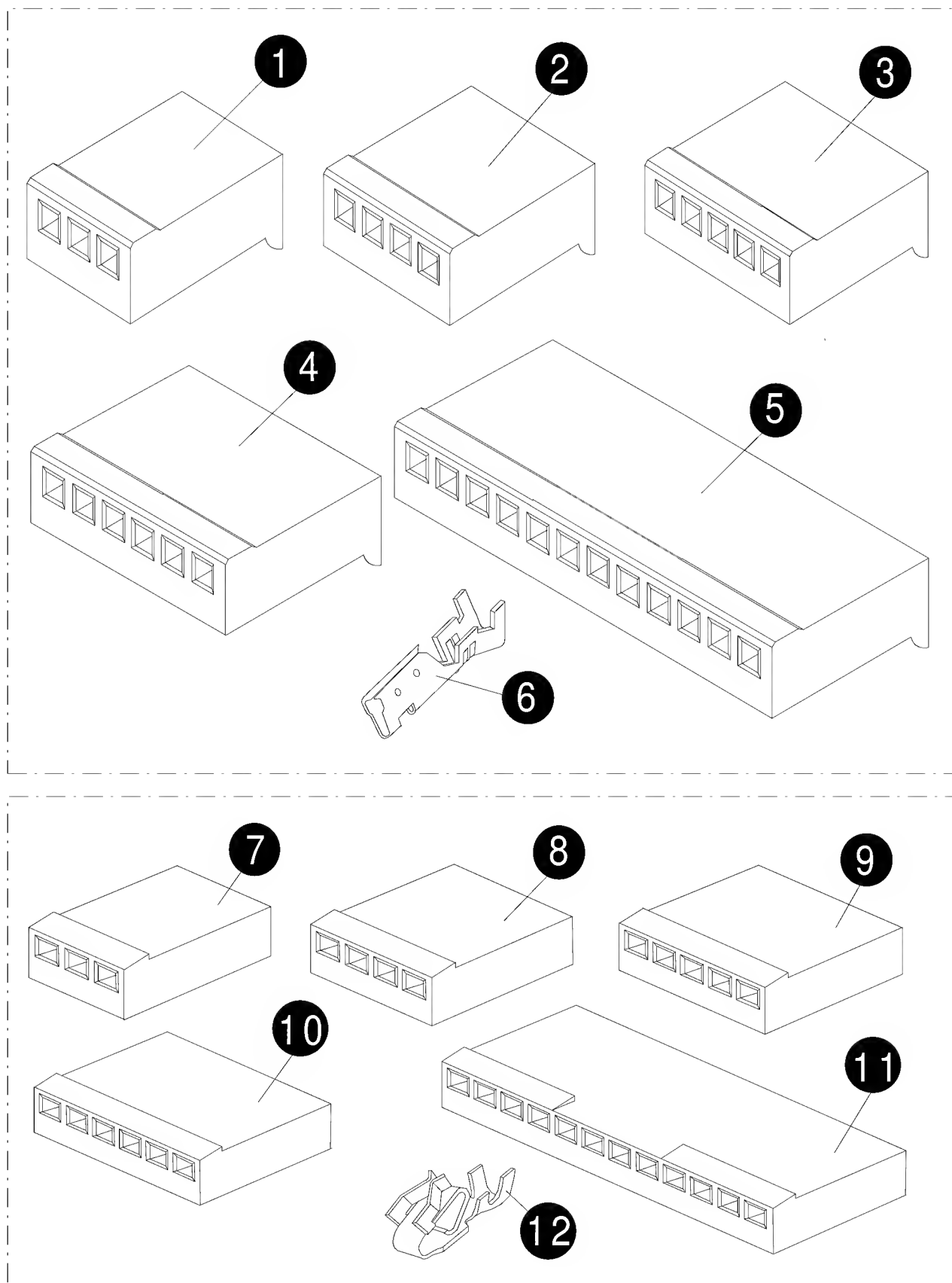


figure 15-3

PARTS LISTING figure 15-3

ITEM No.	PART No.	PART NAME	QUANTITY
1	G9904160	MOLEX CRIMP TERM. HOUS. 5195 09-50-1031	1
2	G9904161	MOLEX CRIMP TERM. HOUS. 5195 09-50-1041	1
3	G9904162	MOLEX CRIMP TERM. HOUS. 5195 09-50-1051	1
4	G9904163	MOLEX CRIMP TERM. HOUS. 5195 09-50-1061	1
5	G9904164	MOLEX CRIMP TERM. HOUS. 5195 09-50-1121	1
6	G9904148	MOLEX SPOX CRIMP AWG 18-24 08-70-1030	1*
7	G9904149	MOLEX HOUSING 3 PIN 6442 26-03-4030	1
8	G9904150	MOLEX HOUSING 4 PIN 6442 26-03-4041	1
9	G9904151	MOLEX HOUSING 5 PIN 6442 26-03-4050	1
10	G9904152	MOLEX HOUSING 6 PIN 6442 26-03-4061	1
11	G9904153	MOLEX HOUSING 12 PIN 6442 26-03-4121	1
12	G9904166	MOLEX CRIMP TERMINAL AWG 18-24 6838 08-58-0111	1*

* NOTE

Quantity of 1= 10 pieces in a package

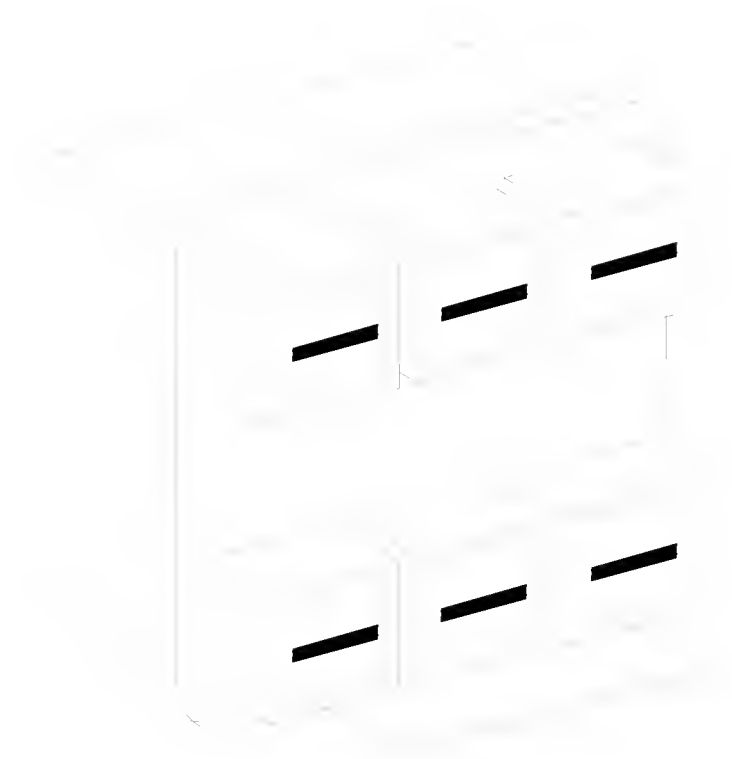


figure 15-4

PARTS LISTING figure 15-4

ITEM No.	PART No.	PART NAME	QUANTITY
1	9190246	SAIA HOUSING 4 104 5109 0	1

CHAPTER 16

ALPHABETICAL INDEX

PART NAME	PART No.	FIGURE No.
74LS05 U6, U10, U11	4527291	10-3, 14-15
75468 U17...U20	4526041	10-1, 14-14
8255 A-2 U24, U25, U26, U30	4526191	10-1, 14-14
8255 A-2 U4	4526191	10-3, 14-15
ACTUATOR	9182561	1-10, 2-10, 2-12, 2-16, 3-5
ACTUATOR BRACKET	9181036	2-14
ACTUATOR GUIDE PLATE LH (not shown)	9181826	2-9
ACTUATOR GUIDE PLATE RH (not shown)	9182266	2-9
ACTUATOR for CENTRING SWITCH LH	9181866	2-9
ACTUATOR for CENTRING SWITCH RH	9182286	2-9
ADAPTER M6	9188596	12-5
ADJUSTMENT SCREW	4281551	14-9
ADJUSTMENT SCREW	9214981	14-10
AIR BOTTLE ASSY	9186706	6-4
AIR FILTER	9187246	6-6
AIR FILTER	9187856	9-3
AMP PIN AWG 16-18 1-163082-0	G9904131	15-1
AMP PIN AWG 20-24 1-163086-0	G9904133	15-1
AMP PIN AWG 24-26 1-163090-0	G9904135	15-1
AMP PLUG 14 PIN 182649-1	G9904138	15-1
AMP PLUG 3 PIN 207360	G9904145	15-1
AMP PLUG 4 PIN 207015-1	G9904141	15-1
AMP PLUG 6 PIN 207152-1	G9904142	15-1
AMP PLUG 9 PIN 207439-1	G9904146	15-1
AMP RECEPTACLE 3 PIN 207359	G9904144	15-1
AMP RECEPTACLE 14 PIN 182641-1	G9904139	15-1
AMP RECEPTACLE 4 PIN 207016-1	G9904141	15-1
AMP RECEPTACLE 6 PIN 207153-1	G9904143	15-1
AMP SOCKET AWG 16-18 1-163084-0	G9904132	15-1
AMP SOCKET AWG 20-24 1-163088-0	G9904134	15-1
AMP SOCKET AWG 24-26 1-163092-0	G9904136	15-1
BALL BEARING	9185561	2-11, 3-2, 3-9, 14-9
BASE	9189516	13-3
BATTERY 1.2V	9151121	10-1, 14-14
BEARING	9180341	2-11
BEARING	9182856	1-2
BEARING	9182901	2-2
BEARING	9183831	4-7
BEARING	9183841	3-6, 3-8, 4-7
BEARING	9185371	3-4, 3-6, 3-8
BEARING	9185831	3-8, 3-10
BEARING	9188461	12-3, 12-4
BEARING	9213071	3-11

PART NAME	PART No.	FIGURE No.
BEARING	9280336	14-1
BEARING UP TO SN 1605 (50Hz)	9181166	2-3
BEARING UP TO SN 5407 (60Hz)	9181166	2-3
BEARING for CENTRING BAR	9181976	2-7
BEARING, TOP / BOTTOM	9280216	14-1
BELT	9181216	2-5
BELT	9188568	12-4
BELT	9188576	12-3
BLOW PIPE	9182046	2-9
BLOW PIPE MOUNT ASSY LH	9182006	2-8
BLOW PIPE MOUNT ASSY RH.....	9182326	2-8
BLOWPIPE	9199016	4-1
BLOWPIPE MOUNT	9199051	4-1
BOLT	4282961	2-2
BOLT	9152806	1-1
BOLT	9180511	1-4
BOLT	9181951	1-7
BOLT	9182683	2-14
BOLT	9183141	2-3, 2-9
BOLT	9281541	14-7
BRACKET	9183886	4-4
BRACKET	9185316	3-10
BRACKET ASSY	9192916	2-13
BRACKET LH	9181786	2-8
BRACKET RH.....	9182256	2-8
BRACKET/SPRING ASSY	9182016	4-1
BRAKE	9181596	2-16
BRAKE BELT	9281581	14-7
BUTTON	9166261	13-2
C-RING	4500581	14-10
CABLE	9191036	11-2
CABLE	9191082	10-17, 11-4
CABLE, DOUBLE FILM SENSOR TO PCB A7 Plus	9284016	14-10
CAM	9183126	2-1
CAM	9194656	3-5
CAM ASSY	9183313	2-12
CAM ASSY	9183353	2-12
CAP	9152241	1-7
CAP	9152271	1-7
CAP	9198961	1-1
CAPACITOR 50Hz	9186471	9-2
CAPACITOR 60Hz	9191781	9-2
CAPACITOR C1 C2 1 µF	4526091	10-5, 10-6, 14-16, 14-17

PART NAME	PART No.	FIGURE No.
CAPACITOR C3 1.8 μ F	4527721	10-6, 14-17
CAPACITOR C3 2.2 μ F	4526101	10-5, 14-16
CAPACITOR C4 0.25 μ F	4527781	10-5, 14-16
CAPACITOR C4 0.27 μ F	4527751	10-6, 14-17
CAPACITOR C5 0.68 μ F	4534481	10-5, 10-6, 14-16, 14-17
CAPACITOR C6 0.15 μ F	4526051	10-5, 10-6, 14-16, 14-17
CAPACITOR C7 0.4 μ F	4527741	10-5, 10-6, 14-16, 14-17
CASTER	9180381	1-10, 4-8
CENTRING BOLT	9186106	1-8
CHAIN	9184186	4-7, 4-9
CHAIN LINK	9184171	4-7
CHECK VALVE	9186646	6-1
CIRCLIP 10mm	4500211	3-8
CIRCLIP 3.2mm	4499740	2-13, 2-14, 5-4
CIRCLIP 4.0mm	4499840	1-4, 2-3, 2-9, 5-2, 12-2
CIRCLIP 4mm	4500521	12-3, 12-4
CIRCLIP 5mm	4498140	2-11
CIRCLIP 7mm	4500221	2-13, 3-4
CIRCLIP 7mm	4500541	4-2
CLAMP	9198351	11-3
CLIP	9280196	14-1
CLOCK CHIP U32	9151281	10-1, 14-14
CLUTCH	9183346	2-17, 9-4
CLUTCH	9183976	4-7
CLUTCH ASSY	9181246	2-6
CLUTCH ASSY	9185326	3-10
CLUTCH DISK 1	9215803	4-5
CLUTCH DISK 2	9215793	4-5
CLUTCH DISK WITH SCREW	9181586	2-16
CODE BRACKET	9189532	13-3
CODE STRIP	9181996	2-15
COLLAR	4440011	2-2, 2-11
COLLAR	4440021	4-4, 14-10
COLLAR	4440041	2-7
COMPRESSOR 50/60 Hz	9286486	14-5
COMPRESSOR ASSY 50Hz	9186486	6-6, 9-1, 9-2
COMPRESSOR ASSY 60Hz	9191816	6-6, 9-1, 9-2
CONDENSATE DRAIN	9186766	6-4
CONNECTION ROD	9184541	4-5
CONNECTOR	4529176	1-7
CONNECTOR	9152236	1-7
CONNECTOR	9186616	6-1, 6-6
CORNER, LEFT	9280126	14-1

PART NAME	PART No.	FIGURE No.
CORNER, RIGHT	9280136	14-1
COUNTER	9229756	1-10, 6-1
COUPLING	9183511	3-1, 6-5
COUPLING	9183696	6-6
COUPLING	9186801	6-4
COUPLING	9186811	6-4
COUPLING	9186961	6-1
COUPLING	9187221	6-3, 11-2
COUPLING	9196491	6-1
COUPLING WITH SEAL	9186726	6-4
COUPLING WITH SEAL AND MOUNTING SCREW	9182131	2-9, 3-4
COVER	9189586	13-3
DEFLECTOR LH (DEFLECTOR + PLUSH TAPE)	9185526	3-2
DEFLECTOR RH (DEFLECTOR + PLUSH TAPE)	9185336	3-4
DETENT	9183761	4-4
DIODE	4518161	11-1
DISPLAY	9187396	10-18
DISPLAY	9287396	14-1
DOOR ASSY	9182576	2-9, 2-13
DOOR INTERLOCK ASSEMBLY	9280233	14-2
DOOR INTERLOCK GUIDE	9280466	14-3
DOOR OPENER LH	9183186	2-1
DOOR OPENER RH	9183236	2-1
DOOR SOLENOID ASSEMBLY	9280253	14-4
DOOR SOLENOID ASSY	9186156	1-6
DRAWER	9188876	1-1
DRAWER	9198876	1-1
DRIVE ARM	9193326	2-1
DRIVER 75468 U3, U4	4526041	10-5, 10-6, 14-16, 14-17
ENGAGING DOG	9188166	12-3, 12-4
EXTENSION	9199041	4-1
FAN	9198236	11-1
FAN 50/60 Hz	9186461	9-11
FAN 50/60 Hz	9187903	9-3
FAN WHEEL	9191406	6-6, 9-1, 9-2
FELT	9166221	13-2
FELT	9186341	6-4
FELT PAD KIT	9166451	13-2
FELT RING	9226180	6-1
FELT ROLLER	9188476	12-3, 12-4
FILM GUARD	9184446	4-1
FILM GUIDE LEFT	9192531	14-13
FILM GUIDE RIGHT	9192521	14-13

PART NAME	PART No.	FIGURE No.
FILM HOLDER ASSY LH	9192336	4-1
FILM HOLDER ASSY RH.....	9192346	4-1
FILM POCKET ARM ASSEMBLY	9284506	14-10
FILM POCKET ASSY WITH SHAFT	9183806	4-7
FILM REJECTER ASSY	9184436	4-3
FILM STOP LH.....	9189626	13-3
FILM STOP REAR.....	9189611	13-3
FILM STOP RH.....	9189631	13-3
FILTER.....	9186886	6-3
FILTER.....	9198246	11-1
FILTER.....	9199261	11-3
FILTER CARTRIDGE	9198266	11-1
FITTING.....	9198361	11-3
FITTING.....	9198391	11-3
FITTING.....	9198441	11-2
FOAM RUBBER 12X12.....	9193661	1-9
FOAM RUBBER 9X3.....	9193651	1-9
FOAM SHOCK ABSORBER.....	9187311	9-2
FRONT COVER	9187776	1-2
FRONT COVER	9197776	1-2
FRONT DOOR.....	9280116	14-1
FUSE 50 Hz F1, F2 0.315A	4526031	7-2
FUSE 50 Hz F3 0.4A	4521301	7-2
FUSE 50 Hz F4, F6 0.05A.....	4527101	7-2
FUSE 50 Hz F5, F7 0.1A.....	4516521	7-2
FUSE 50 Hz F9, F10 1.0A.....	4515681	7-2
FUSE 5A 60Hz ONLY.....	4528401	7-1
FUSE 60 Hz F1, F2, F3 0.375A	4527131	7-2
FUSE 60 Hz F4, F6 0.062A	4527111	7-2
FUSE 60 Hz F5, F7 0.1A	4527121	7-2
FUSE 60 Hz F9, F10 1.0A.....	4527511	7-2
FUSE CAP 50Hz.....	4526511	7-2
FUSE CAP 60Hz ONLY.....	4526611	7-1, 7-2
FUSE COVER	9280186	14-1, 14-3
FUSE F1, F2 0.315A	4526031	10-5, 14-16
FUSE F1, F2, F3 0.375A.....	4527131	10-6, 14-17
FUSE F3 0.4A.....	4521301	10-5, 14-16
FUSE F4, F6 0.05A	4527101	10-5, 14-16
FUSE F4, F6 0.062A	4527111	10-6, 14-17
FUSE F5, F7 0.1A	4516521	10-5, 14-16
FUSE F5, F7 0.1A	4527121	10-6, 14-17
FUSE F9, F10 1.0A	4515681	10-5, 14-16
FUSE F9, F10 1.0A	4527511	10-6, 14-17

PART NAME	PART No.	FIGURE No.
FUSE HOLDER 60Hz ONLY	4528301	7-1
FUSEHOLDER.....	4526501	7-2
GEAR	9185421	3-6
GEAR	9185426	3-8
GEAR	9185476	3-6, 3-8
GEAR	9185846	3-5, 3-6
GROMMET	4527541	4-5
GRUB SCREW M4X6	4276310	2-6, 2-16, 3-6, 3-9, 4-4, 14-10
GUIDE.....	9183826	4-3
GUIDE BRACKET	9191596	3-4
GUIDE BRACKET LH	9181766	2-8
GUIDE BRACKET RH.....	9182246	2-8
GUIDE PLATE	9185786	3-2, 3-12
GUIDE PLATE	9191561	3-12
GUIDE PLATE	9191666	3-11
GUIDE PLATE	9194086	3-10, 3-11, 3-12
GUIDE RAIL JOINT.....	9180926	5-1
GUIDE RAIL JOINT.....	9180936	5-2
GUIDE SHOE	9183491	2-2
GUIDE SHOE	9184076	4-8
HANDLE	9189561	13-3
HOLDER.....	9187626	5-6
HOLDER.....	9192916	2-10
HOLDER.....	9198941	2-12
HOLDER ASSY	9183916	4-4
HOOD	9189666	1-1
HOOD	9199666	1-1
HOOD	9280106	14-1
HOSE	9185041	4-2
HOSE	9188381	11-2
HOSE	9198371	11-3
HOSE	9198400	11-2
HOSE	9198701	11-2
HOSE (SILICON)	5001686	6-6
HOSE 2X4.....	9185736	3-1, 6-5
HOSE 3X4.....	9220170	2-9, 3-4, 6-3
HOSE 4X6.....	9220150	6-2, 6-3, 6-4
HOSE 4X8 (SILICONE)	9193621	3-1, 6-2, 6-5
HOSE 6X8.....	9220160	3-1, 6-1, 6-4, 6-5
HOSE COUPLING	9186901	3-1, 6-5
HOSE COUPLING	9186991	6-2
HOUSING	9198156	11-1
HUMIDIFIER ASSEMBLY COMPLETE	9288006	14-12

PART NAME	PART No.	FIGURE No.
HUMIDIFIER COMPLETE	9198006	11-1
HUMIDIFIER COVER PLATE	9182402	1-2
HUMIDITY SENSOR	9288426	14-11
INDUCTIVE SENSOR B28, B29	9183486	2-2, 2-10
INFILL PANEL left	9189947	1-3
INFILL PANEL right	9189907	1-3
INSULATING TUBE	9220020	2-9
INTERLOCK SWITCH S21	9180176	2-2
INTERLOCK SWITCH S22	9180176	1-4
INTERLOCK SWITCH S23	9180176	1-10, 7-1
KEYBOARD ASSY	9199706	1-1
KEYPAD ASSY	9189856	8-1
L-COUPLING	9184671	3-1, 6-5
LABEL	9166381	13-2
LABEL	9189741	1-1
LABEL	9191576	1-7
LABEL FAST SCREEN	9165411	13-1
LABEL MEDIUM SCREEN	9165211	13-1
LABEL REGULAR SCREEN	9165311	13-1
LABEL SET, FILM SIZE	9189996	13-3
LANGUAGE EPROM A U35 (SWED., NORW., FINN., DAN.)	9191806	10-1
LANGUAGE EPROM B U35 (ENGLISH, DUTCH, SPANISH)	9191796	10-1
LANGUAGE EPROM EUROPE U35 (ENGL., GER., ITAL., FR.)	9191776	10-1
LANGUAGE EPROM U.S. U35 (ENGL., FR., SPAN., GERMAN)	9191676	10-1
LANGUAGE EPROM U35 (all languages)	9281356	14-14
LARGE FITTING	9198456	11-2
LATCH	9180316	1-5
LATCH	9186186	1-4, 8-1
LATCH	9187546	1-1
LATCH 1	9166281	13-2
LATCH 2	9166294	13-2
LED GREEN U5,U6	4526661	10-16
LED RED U1, U2	4526641	10-16
LED YELLOW U3, U4	4526651	10-16
LEFT COVER	9187896	1-1
LEFT COVER	9197896	1-1
LID HOOK	9183436	2-13
LID HOOK SHAFT	9183401	2-13
LINE CORD (50Hz)	9190606	1-7
LINE CORD (60Hz)	9190676	1-7

PART NAME	PART No.	FIGURE No.
LINE FILTER	9185121	7-4
LOCK WASHER 3.2 mm	4485810	14-6
LOCKWASHER	4500431	9-4
LOCKWASHER 3.2mm	4480326	3-5
LOCKWASHER 4.3mm	4500142	3-6
LOCKWASHER 4.3mm	4500146	3-5, 4-9
LOCKWASHER 5.3mm	4500191	2-17
LOCKWASHER 6.4mm	4500182	2-2
LOCKWASHER 6.4mm	4500421	3-10
LOCKWASHER 8.4mm	4500441	3-11
LONG BRACKET LH	9182176	2-7
LONG BRACKET RH	9182386	2-7
LUBRICATOR	9183791	4-7
MAGNETIC VALVE	9199286	11-1
MAIN SWITCH	9186386	7-3
MANOMETRIC SWITCH S28	9186676	6-1
MIRROR	9182156	2-7, 2-8, 4-1
MOLEX CRIMP TERM. HOUS. 5195 09-50-1031	G9904160	15-3
MOLEX CRIMP TERM. HOUS. 5195 09-50-1041	G9904161	15-3
MOLEX CRIMP TERM. HOUS. 5195 09-50-1051	G9904162	15-3
MOLEX CRIMP TERM. HOUS. 5195 09-50-1061	G9904163	15-3
MOLEX CRIMP TERM. HOUS. 5195 09-50-1121	G9904164	15-3
MOLEX CRIMP TERMINAL 2759 08-55-01021	G9904156	15-2
MOLEX CRIMP TERMINAL 5103 08-70-0057	G9904159	15-2
MOLEX CRIMP TERMINAL AWG 18-24 6838 08-58-0111	G9904166	15-3
MOLEX HOUSING 12 PIN 6442 26-03-4121	G9904153	15-3
MOLEX HOUSING 2 PIN 2695 21-01-3027	G9904154	15-2
MOLEX HOUSING 2 PIN 5102 22-01-1024	G9904157	15-2
MOLEX HOUSING 3 PIN 6442 26-03-4030	G9904149	15-3
MOLEX HOUSING 4 PIN 2695 22-01-3047	G9904155	15-2
MOLEX HOUSING 4 PIN 5102 22-01-1044	G9904158	15-2
MOLEX HOUSING 4 PIN 6442 26-03-4041	G9904150	15-3
MOLEX HOUSING 5 PIN 6442 26-03-4050	G9904151	15-3
MOLEX HOUSING 6 PIN 6442 26-03-4061	G9904152	15-3
MOLEX PIN AWG 22-28 5241 08-70-0103	G9904147	15-2
MOLEX PLUG HOUSING 5240 29-11-0042	G9904165	15-2
MOLEX SPOX CRIMP AWG 18-24 08-70-1030	G9904148	15-3
MOTOR M1 CASSETTE TRANSPORT 50Hz	9181296	9-1
MOTOR M1 CASSETTE TRANSPORT 60Hz	9191846	9-1
MOTOR M2 CASSETTE CENTERING 60Hz	9191856	9-1
MOTOR M2 CASSETTE CENTERING 50Hz	9181526	9-1
MOTOR M3 CASSETTE OPENING 50Hz	9183376	2-17, 9-1, 9-4

PART NAME	PART No.	FIGURE No.
MOTOR M3 CASSETTE OPENING 60Hz	9191866	2-17, 9-1, 9-4
MOTOR M4 CASSETTE UNLOADING 50Hz	9185296	3-1, 3-8, 6-5, 9-5, 9-8
MOTOR M4 CASSETTE UNLOADING 60Hz	9191896	3-1, 3-8, 6-5, 9-5, 9-8
MOTOR M5 FILM TRANSPORT 50Hz	9185256	3-1, 3-5, 3-7, 6-5, 9-5, 9-6, 9-7
MOTOR M5 FILM TRANSPORT 60Hz	9191886	3-1, 3-5, 3-7, 6-5, 9-5, 9-6, 9-7
MOTOR M6 MAGAZINE OPENING 50Hz	9180966	5-1, 9-10
MOTOR M6 MAGAZINE OPENING 60Hz	9191836	5-1, 9-10
MOTOR M7 MAG. FILM PICK UP 50Hz	9183966	4-6, 9-1, 9-9
MOTOR M7 MAG. FILM PICK UP 60Hz	9191876	4-6, 9-1, 9-9
MOTOR M8 STEPPERMOTOR	9184116	9-1
MOUNTING BOLT	9185271	3-5
MUFFLER	9186536	9-2
MUFFLER	9186656	6-1
NAME PLATE	9189736	1-1
NIPPLE	9186601	6-1
NIPPLE WITH SEAL 3mm	9185696	6-3
NIPPLE WITH SEAL 4mm	9185656	6-3
NOISE FILTER	9180686	7-1
NUT	4854131	4-9
NUT	9171911	1-7
NUT	9198681	11-2
NUT M10	4852901	2-13
NUT M3	4852011	2-5, 2-15, 3-5, 4-6, 5-1, 5-5, 12-1
NUT M3	4853111	1-7, 2-2, 8-1, 14-7
NUT M3	4853241	14-9
NUT M4	4853121	3-5, 9-3
NUT M4	4853126	2-13, 2-17, 3-2, 3-8, 3-9, 5-1
NUT M4	4853231	3-12
NUT M4	4853236	4-5
NUT M4	4853256	3-6, 4-5, 14-9
NUT M5	4853031	3-10, 4-5, 9-4, 14-7
NUT M5	4853036	1-4, 2-11, 2-16, 2-17, 3-4, 3-8, 3-10, 4-7
NUT M6	4850311	2-5, 2-15, 5-2
NUT M6	4853131	3-9
NUT M6	4853136	3-2, 3-9
NUT M8	4853146	2-2
O-RING	9212941	4-3
OPENER	9180871	5-4
OPTO COUPLER ILQ1 U1, U2	8374927	10-5, 10-6, 14-16, 14-17
OPTO COUPLER ILQ1 U3...U6, U9, U10...U15	8374927	10-1, 14-14
OPTO COUPLER ILQ1 U9, U12, U13	8374927	10-4
PANEL, DRAWER	9280146	14-1

PART NAME	PART No.	FIGURE No.
PANEL, LEFT	9280156	14-1
PANEL, REAR large.....	9287446	14-1
PANEL, RIGHT.....	9280166	14-1
PANEL; REAR small	9287406	14-1
PAPER ROLL	9188966	8-1
PCB A0 MASTER PROCESSOR	9189076	8-1, 10-1, 14-14
PCB A1 DISTRIBUTION.....	9188970	10-2
PCB A10 FILM POCKET POSITION.....	9186006	10-12
PCB A11 FILM SENSOR	9184886	4-2, 10-13
PCB A12 OPERATOR CONTROL	9191680	10-14, 10-18
PCB A13 PRINTER INTERFACE.....	9189340	8-2, 10-15
PCB A14 LIGHT BAR	9187370	10-16, 10-18
PCB A16 HUMIDIFIER COMPLETE WITH HOUSING	9198476	10-17, 11-4
PCB A2 SLAVE PROCESSOR.....	9188906	8-2, 10-3, 14-15
PCB A3 POWER AMPLIFIER.....	9191466	8-2, 10-4
PCB A4 POWER ELECTRONIC 50 Hz	9187166	10-5
PCB A4 POWER ELECTRONIC 60 Hz	9187186	10-6
PCB A4 Plus POWER ELECTRONIC 50 Hz	9287160	14-16
PCB A4 Plus POWER ELECTRONIC 60 Hz	9287180	14-17
PCB A5 MAGAZINE SIZE DECODER	9187306	5-5, 10-7
PCB A6 MAGAZINE SIZE SENSOR	9180646	5-5, 10-8
PCB A7 FILM POCKET	9184270	4-4, 10-9
PCB A7 Plus.....	9284270	14-10
PCB A8 INTERFACE (A)	9183600	2-17, 10-10
PCB A9 INTERFACE (B)	9183620	10-11
PCB A9 Plus.....	9283620	14-18
PHOTO SENSOR ASSY B30	9182216	5-6
PHOTOCELL.....	4521821	5-5
PHOTOCELL ASSY B1	9181886	2-15
PHOTOCELL ASSY B10	9182216	4-3
PHOTOCELL ASSY B14	9184406	4-3
PHOTOCELL ASSY B15	9190916	4-6
PHOTOCELL ASSY B6	9181106	2-13, 2-14
PHOTOCELL B2, B3, B4, B5	9182216	2-7
PHOTOCELL B20, B21	9181886	5-1
PHOTOCELL B27	9180751	5-5
PHOTOCELL B6	9182216	14-6
PHOTOCELL B7	9188606	12-1
PHOTOCELL B8	9188606	12-1
PIN	4719331	14-9
PIN	4796371	14-7
PLATE.....	9191556	3-12
PLATE.....	9197911	2-13

PART NAME	PART No.	FIGURE No.
PLATE.....	9281771	14-7
PLUG	9183526	3-1, 6-5
PNEUMATIC CYLINDER	9185056	4-1
POWER SUPPLY.....	9191906	7-1
POWER SUPPLY.....	9281906	14-2
PRESSURE GAUGE	9186786	6-4
PRINTER ASSY	9189306	8-1
PULLEY	9185266	3-6
PULLEY	9185496	3-6, 3-8
PULLEY	9185866	3-6
PULLEY	9185946	3-5
PULLEY	9185976	3-8
PULLEY	9188446	12-3
PULLEY	9188456	12-3, 12-4
QUARTER TURN SCREW	9280206	14-1
REAR COVER LARGE	9187406	1-2
REAR COVER LARGE	9197406	1-2
REAR COVER SMALL.....	9187446	1-2
REAR COVER SMALL.....	9197446	1-2
REFLECTIVE FOIL.....	9189546	13-3
REFLECTIVE FOIL.....	9189656	13-3
REFLECTIVE FOIL 8 X 15 mm	9194556	13-1, 13-2
REFLECTIVE STICKER.....	9194561	14-6
REGULATOR.....	9185921	3-1, 6-5
REGULATOR.....	9186916	6-3
RELAY K1	4524181	10-5, 10-6, 14-16, 14-17
RELAY K1	4526351	10-15
REPAIR KIT COMPRESSOR PLUS.....	9286480	14-5
REPAIR KIT SPRING, WINDOW	9165165	13-1
REPAIR KIT, CABLE	9192081	2-8
REPAIR KIT, COMPRESSOR GASKET	9196501	9-2
REPAIR KIT, COMPRESSOR HEAD	9196526	9-2
REPAIR KIT, HUMID. (seal ring, plate, cement).....	9194775	11-2
REPAIR KIT, VACUUM PUMP	9196356	9-1
REPAIR KIT, WATER TRAP	9186550	6-1
RESISTOR 27 Ohm 7W	9281046	14-12
RIBBON CABLE	9190126	8-1
RIBBON CABLE	9190136	5-5
RIBBON CABLE	9190306	4-4
RIBBON CABLE ASSY	9190116	10-18
RIBBON CABLE ASSY	9199186	4-1
RIGHT COVER.....	9187726	1-2
RIGHT COVER.....	9197726	1-2

PART NAME	PART No.	FIGURE No.
ROLLER	9180526	1-4
ROLLER	9180811	5-2
ROLLER	9182891	2-11
ROLLER	9182926	1-2
ROLLER	9183131	2-3, 2-9
ROLLER	9193466	2-2
ROLLER	9194913	2-13
ROLLER ASSY LEFT	9188406	12-2
ROLLER ASSY RIGHT	9193576	12-2
RUBBER RING	9184391	4-3
SAFETY HOOK	9189766	1-8
SAFETY VALVE	9191616	6-1
SAIA HOUSING 4 104 5109 0	9190246	15-4
SCREW	9186821	6-4
SCREW 2.5X6	4302221	3-4, 4-2
SCREW 2.9X6.5	4301951	5-5, 10-12
SCREW 2.9X6.5	4302346	13-3
SCREW 2.9X9.5	4302192	13-2
SCREW 2X6	4300641	3-3
SCREW 3X12	4301430	4-1
SCREW 5X16	4302271	9-11
SCREW M2.5X18	4281891	3-4, 14-6
SCREW M3X10	4281726	3-6
SCREW M3X10	4282781	2-13, 3-12
SCREW M3X10	4282836	1-7
SCREW M3X12	4281271	1-7, 2-17, 9-4
SCREW M3X16	4281551	2-10, 2-15, 2-16, 12-1
SCREW M3X16	4291436	13-3
SCREW M3X20	4279240	2-2
SCREW M3X20	4282691	14-6, 14-7
SCREW M3X25	4281681	2-5
SCREW M3X35	4281761	3-5
SCREW M3X4	4281841	2-7, 2-8
SCREW M3X4	4283371	5-4
SCREW M3X45	4282451	2-10, 2-12
SCREW M3X6	4281601	2-15, 8-1
SCREW M3X6	8326899	14-10
SCREW M3X8	4279040	1-4, 1-6, 4-6, 5-1, 5-5, 6-2, 8-1
SCREW M3X8	4283401	4-1
SCREW M4X10	4278940	1-7, 3-8, 5-1, 10-18
SCREW M4X10	4279346	7-3
SCREW M4X12	4279140	4-6, 9-3

PART NAME	PART No.	FIGURE No.
SCREW M4X16	4280740	3-8
SCREW M4X16	4282806	2-17, 3-6, 3-12
SCREW M4X20	4281661	2-11, 5-1, 14-8
SCREW M4X40	4282321	9-3
SCREW M4X6	4278842	8-1, 10-18
SCREW M5X12	4280611	4-7
SCREW M5X12	4282741	3-4, 3-5
SCREW M5X12	4283131	3-10, 3-11
SCREW M5X16	4279346	1-8, 2-10, 2-11, 3-8, 3-9, 3-10, 4-4, 7-3
SCREW M5X20	4282411	2-3
SCREW M5X20	4282981	4-8
SCREW M5X20	4282986	2-13
SCREW M5X25	4281636	2-11, 2-12, 3-10, 4-5
SCREW M5X40	4282931	2-3
SCREW M6X12	4281571	2-2
SCREW M6X16	4282191	1-5
SCREW M6X20	4280440	5-1, 5-2, 8-1, 9-2
SCREW M6X20	4282271	1-2
SCREW M6X20 UP TO SN 1605 (50Hz)	4280440	2-3
SCREW M6X20 UP TO SN 5407 (60Hz)	4280440	2-3
SCREW M6X25	4281202	3-4, 3-9, 3-10, 4-10
SCREW M6X30	4280540	2-15, 4-10
SCREW M6X40	4280640	2-5
SCREW M6X50	4280750	2-4, 2-5
SEAL	4480231	11-2
SEAL	8269750	6-1
SEAL	9186866	6-1, 6-4
SEAL	9198461	11-2
SEAL	9199131	11-2
SEAL RING	9184751	3-4
SENSOR B11, B12, B13	4521821	10-9
SENSOR B14 DFS	9284026	14-10
SENSOR B17, B18, B19	4521821	10-12
SENSOR B7 / B8 with MOUNTING CLIPS (2)	9180757	14-13
SENSOR BRACKET	9182696	2-13
SENSOR BRACKET	9184916	4-2
SENSOR HUMIDIFIER	9198426	11-5
SENSOR MOUNT	9183476	2-2
SENSOR WATER LEVEL	9198656	11-1
SENSOR WIRE 1 ASSY	9183026	2-10
SENSOR WIRE 2 ASSY	9183056	2-10
SENSOR WIRE 3 ASSY	9183076	2-10

PART NAME	PART No.	FIGURE No.
SERVICE KEY.....	G9901918	1-10, 7-1
SHAFT	9181186	2-5, 2-6
SHAFT	9182996	2-2
SHAFT	9183866	4-1
SHAFT	9184891	4-2
SHAFT	9185446	3-4
SHAFT	9185531	3-2
SHAFT	9185611	3-4
SHAFT	9185771	3-4
SHAFT	9191501	3-12
SHAFT ASSY	9185816	3-10
SHAFT ASSY	9185886	3-10
SHAFT ASSY LH	9192366	3-2, 3-3
SHAFT ASSY RH	9192356	3-4
SHAFT MOUNT LH	9182866	2-1
SHAFT MOUNT LH	9182936	2-1
SHAFT WITH PLATE	9183093	2-2, 2-17
SHOCK MOUNT	9183361	2-17, 9-4
SHORT BRACKET LH	9182186	2-7
SHORT BRACKET RH	9182396	2-7
SHOVEL	9198166	2-13
SHUT OFF VALVE	9198296	11-3
SIDE FITTING	9198026	11-2
SLIDE.....	9166244	13-2
SLIDING BLOCK.....	9192921	3-4
SLIDING BLOCK.....	9192922	14-6
SLIDING TAPE (1 BOX).....	5001514	2-3, 2-13
SMALL FITTING.....	9198676	11-2
SOFT ROLLER.....	9185456	3-2, 3-4
SOFT ROLLER.....	9196516	3-4
SOFTWARE VERSION 3.2, U3.....	9191766	10-3
SOFTWARE VERSION 4.1 U33.....	9193716	10-1
SOFTWARE VERSION 4.1 U34.....	9193726	10-1
SOFTWARE VERSION 5.0 U33.....	9281336	14-14
SOFTWARE VERSION 5.0 U34.....	9281346	14-14
SOFTWARE VERSION 5.0, U3.....	9281366	14-15
SOLENOID.....	9180906	5-4
SOLENOID MOUNTING BRACKET.....	9196016	5-4
SOLENOID VALVE	9185986	6-5
SOLENOID VALVE SV1	9185986	3-7
SOLENOID VALVE SV2	9185986	3-7
SOLENOID VALVE SV3 ... SV6	9185986	6-3
SOLENOID VALVE SV7	9186636	6-1
SPACER	9186271	2-11

PART NAME	PART No.	FIGURE No.
SPACER	9282501	14-8
SPEED NUT	9152341	1-1
SPEED NUT	9186831	9-11
SPRING	9166211	13-2
SPRING	9166271	13-2
SPRING	9180886	5-4
SPRING	9181011	5-3
SPRING	9181201	2-14
SPRING	9181271	2-6
SPRING	9181481	2-6
SPRING	9181621	2-16
SPRING	9181891	2-8
SPRING	9182111	2-7
SPRING	9182701	2-14
SPRING	9183151	2-3
SPRING	9183191	2-11
SPRING	9183291	2-2
SPRING	9183701	4-7
SPRING	9184936	4-2
SPRING	9185076	4-3
SPRING	9186366	2-2
SPRING	9188106	3-3
SPRING	9189527	13-3
SPRING	9189776	1-8
SPRING	9192981	3-3
SPRING	9194071	2-3
SPRING	9194601	2-14
SPRING	9214271	14-10
SPRING	9214471	14-10
SPRING	9219831	4-5
SPRING	9229880	4-4
SPRING	9281621	14-7
SPRING HOOK 1	9219841	4-5
SPRING HOOK 2	9219851	4-5
SPRING WASHER 7.0mm	4500241	3-6, 3-8
SPRING WASHER 7mm	4500241	3-8
SPRING, CLUTCH	9225780	4-5
SPRING, FILM	9165041	13-1
SPROCKET WHEEL	9184136	4-9
SREW M3X8	4283301	4-4
SSR CX 3080D SSR 5, 6, 8...11, 22	4531976	10-5, 10-6, 14-16, 14-17
SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21	4534431	10-5, 10-6, 14-16, 14-17
STRAIN RELIEF	9171891	1-7

PART NAME	PART No.	FIGURE No.
STUD	9185966	3-5
SUCKER.....	9184847	4-2
SUCKER.....	9185676	3-4
SUCKERBAR.....	9184686	4-2
SUCKERBAR ASSEMBLY COMPLETE.....	9184506	4-2
SUCKERBAR ASSY (items 5, 6, 7, 8, 9, 10, 12)	9185666	3-4
SUCKERBAR BRACKET	9280356	14-6
SWING BEARING	9181071	2-4, 2-5
SWITCH S1, S2, S3.....	4533356	2-10
SWITCH S11, S12.....	4533356	3-5
SWITCH S13	4533356	2-14
SWITCH S14,S15	4533356	2-8
SWITCH S27	4533356	1-10
SWITCH S4, S5, S6.....	4533356	2-12
SWITCH S8	4533356	2-16
SWITCH S9, S10.....	4533356	2-15
T-COUPLING	9186561	6-1
T-COUPLING	9186931	6-2
T-COUPLING	9187101	3-1, 6-5
T-FITTING	9198031	11-3
TERMINAL BLOCK.....	4526971	7-4
TERMINAL BOARD ASSY	9186756	9-2
THREAD PIN M3X3	4278290	4-1
THREAD PIN M3X3	4278299	2-9
THREAD PIN M3X3	4283421	12-3, 12-4
THREAD PIN M3X8	4283021	2-12
THREAD PIN M4X12	4282971	3-5
THREAD PIN M4X6	4276310	3-6
THREAD PIN M4X8	4281581	2-11, 3-5, 3-6, 3-9, 3-10, 12-3, 12-4
THREAD PIN M6X12	4282660	4-9
THREAD PIN M6X8	4281931	3-4
THREAD PLATE	9181131	2-10, 2-12, 2-15, 2-16
TIMING BELT	9185636	3-5, 3-6
TIMING BELT	9185646	3-9
TIMING DISK.....	9183946	4-4
TIMING DISK.....	9183956	4-4
TOP	9189573	13-3
TOP COVER.....	9187496	1-1
TOP COVER.....	9197496	1-1
TOP COVER.....	9280176	14-1
TRANSFORMER	9186456	7-3

PART NAME	PART No.	FIGURE No.
TRANSISTOR Q1	4521811	10-10
TRANSISTOR Q1...Q5.....	4521811	10-12
VACUUM PUMP 50Hz	9187016	6-6, 9-1
VACUUM PUMP 60Hz	9191826	6-6, 9-1
VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22	4526521	10-5, 10-6, 14-16, 14-17
VDR S10K385 RV8, 9	4529321	10-5, 10-6, 14-16, 14-17
VDR S14K300UL RV14, 16, 18, 20	4529311	10-5, 10-6, 14-16, 14-17
WARNING LABEL, BIO-GROWTH	9198211	11-2
WASHER	4280171	14-7
WASHER	4480146	1-8, 2-16
WASHER	9198981	1-1
WASHER 10.2mm.....	4470700	2-10
WASHER 10.5mm.....	4480291	2-13
WASHER 2.7mm.....	4480516	3-3
WASHER 3.2	4480326	4-6
WASHER 3.2 mm	4470100	14-6
WASHER 3.2mm.....	4407301	2-14
WASHER 3.2mm.....	4470100	4-4
WASHER 3.2mm.....	4470101	2-5, 2-10, 2-12, 2-13, 2-15, 2-16, 3-5, 5-1, 5-4, 5-5, 8-1, 12-1
WASHER 3.2mm.....	4470106	1-4, 1-6, 1-7, 3-12, 4-6, 6-2, 8-1
WASHER 3.2mm.....	4480326	5-1, 5-5
WASHER 4.05mm.....	4469600	3-5
WASHER 4.3mm.....	4480031	2-11, 3-2, 3-6, 3-8, 3-9, 3-12, 4-6, 5-1
WASHER 4.3mm.....	4480032	2-13, 2-17, 14-9
WASHER 4.3mm.....	4480036	1-7, 7-3, 9-3, 9-11, 10-18
WASHER 4.3mm.....	4480391	8-1, 10-18
WASHER 4.3mm.....	4497710	5-4, 14-8
WASHER 5.3mm.....	4480146	2-11, 2-13, 3-4, 3-8, 5-2
WASHER 5.3mm.....	4480171	2-14, 4-4, 4-5, 4-7
WASHER 5.3mm.....	4480176	2-12
WASHER 5.3mm.....	4480406	1-4, 3-5, 3-10
WASHER 5.3mm.....	4480471	12-3, 12-4
WASHER 5.3mm.....	4480556	3-9, 3-10, 3-11
WASHER 6.4mm.....	4480121	1-5, 2-2, 2-4, 2-5, 3-9, 3-10, 4-10, 5-1, 5-2, 9-2, 12-2
WASHER 6.4mm.....	4480271	3-2, 3-9, 4-10, 8-1
WASHER 6.4mm.....	4480411	1-2, 2-10
WATER TRAP	9186556	6-1
WATER TRAP	9285666	14-2
WHITE SLOTTED BEARING	9212391	14-8
WHITE SLOTTED BEARING	9222050	14-6
Y-COUPLING.....	9187071	3-1, 6-5

PART NAME	PART No.	FIGURE No.
Y-FITTING	9170871	11-2

CHAPTER 17

NUMERICAL INDEX

PART No.	PART NAME	FIGURE NO.
4276310.....	GRUB SCREW M4X6.....	2-6, 2-16, 3-6, 3-9, 4-4, 14-10
4276310.....	THREAD PIN M4X6.....	3-6
4278290.....	THREAD PIN M3X3.....	4-1
4278299.....	THREAD PIN M3X3.....	2-9
4278842.....	SCREW M4X6.....	8-1, 10-18
4278940.....	SCREW M4X10.....	1-7, 3-8, 5-1, 10-18
4279040.....	SCREW M3X8.....	1-4, 1-6, 4-6, 5-1, 5-5, 6-2, 8-1
4279140.....	SCREW M4X12.....	4-6, 9-3
4279240.....	SCREW M3X20.....	2-2
4279346.....	SCREW M4X10.....	7-3
4279346.....	SCREW M5X16.....	1-8, 2-10, 2-11, 3-8, 3-9, 3-10, 4-4, 7-3
4280171.....	WASHER.....	14-7
4280440.....	SCREW M6X20.....	5-1, 5-2, 8-1, 9-2
4280440.....	SCREW M6X20 UP TO SN 1605 (50Hz).....	2-3
4280440.....	SCREW M6X20 UP TO SN 5407 (60Hz).....	2-3
4280540.....	SCREW M6X30.....	2-15, 4-10
4280611.....	SCREW M5X12.....	4-7
4280640.....	SCREW M6X40.....	2-5
4280740.....	SCREW M4X16.....	3-8
4280750.....	SCREW M6X50.....	2-4, 2-5
4281202.....	SCREW M6X25.....	3-4, 3-9, 3-10, 4-10
4281271.....	SCREW M3X12.....	1-7, 2-17, 9-4
4281551.....	ADJUSTMENT SCREW.....	14-9
4281551.....	SCREW M3X16.....	2-10, 2-15, 2-16, 12-1
4281571.....	SCREW M6X12.....	2-2
4281581.....	THREAD PIN M4X8.....	2-11, 3-5, 3-6, 3-9, 3-10, 12-3, 12-4
4281601.....	SCREW M3X6.....	2-15, 8-1
4281636.....	SCREW M5X25.....	2-11, 2-12, 3-10, 4-5
4281661.....	SCREW M4X20.....	2-11, 5-1, 14-8
4281681.....	SCREW M3X25.....	2-5
4281726.....	SCREW M3X10.....	3-6
4281761.....	SCREW M3X35.....	3-5
4281841.....	SCREW M3X4.....	2-7, 2-8
4281891.....	SCREW M2.5X18.....	3-4, 14-6
4281931.....	THREAD PIN M6X8.....	3-4
4282191.....	SCREW M6X16.....	1-5
4282271.....	SCREW M6X20.....	1-2
4282321.....	SCREW M4X40.....	9-3
4282411.....	SCREW M5X20.....	2-3
4282451.....	SCREW M3X45.....	2-10, 2-12
4282660.....	THREAD PIN M6X12.....	4-9
4282691.....	SCREW M3X20.....	14-6, 14-7
4282741.....	SCREW M5X12.....	3-4, 3-5

PART No.	PART NAME	FIGURE NO.
4282781.....	SCREW M3X10.....	2-13, 3-12
4282806.....	SCREW M4X16.....	2-17, 3-6, 3-12
4282836.....	SCREW M3X10.....	1-7
4282931.....	SCREW M5X40.....	2-3
4282961.....	BOLT.....	2-2
4282971.....	THREAD PIN M4X12.....	3-5
4282981.....	SCREW M5X20.....	4-8
4282986.....	SCREW M5X20.....	2-13
4283021.....	THREAD PIN M3X8.....	2-12
4283131.....	SCREW M5X12.....	3-10, 3-11
4283301.....	SREW M3X8.....	4-4
4283371.....	SCREW M3X4.....	5-4
4283401.....	SCREW M3X8.....	4-1
4283421.....	THREAD PIN M3X3.....	12-3, 12-4
4291436.....	SCREW M3X16.....	13-3
4300641.....	SCREW 2X6.....	3-3
4301430.....	SCREW 3X12.....	4-1
4301951.....	SCREW 2.9X6.5.....	5-5, 10-12
4302192.....	SCREW 2.9X9.5.....	13-2
4302221.....	SCREW 2.5X6.....	3-4, 4-2
4302271.....	SCREW 5X16.....	9-11
4302346.....	SCREW 2.9X6.5.....	13-3
4407301.....	WASHER 3.2mm.....	2-14
4440011.....	COLLAR.....	2-2, 2-11
4440021.....	COLLAR.....	4-4, 14-10
4440041.....	COLLAR.....	2-7
4469600.....	WASHER 4.05mm.....	3-5
4470100.....	WASHER 3.2 mm.....	14-6
4470100.....	WASHER 3.2mm.....	4-4
4470101.....	WASHER 3.2mm.....	2-5, 2-10, 2-12, 2-13, 2-15, 2-16, 3-5, 5-1, 5-4, 5-5, 8-1, 12-1
4470106.....	WASHER 3.2mm.....	1-4, 1-6, 1-7, 3-12, 4-6, 6-2, 8-1
4470700.....	WASHER 10.2mm.....	2-10
4480031.....	WASHER 4.3mm.....	2-11, 3-2, 3-6, 3-8, 3-9, 3-12, 4-6, 5-1
4480032.....	WASHER 4.3mm.....	2-13, 2-17, 14-9
4480036.....	WASHER 4.3mm.....	1-7, 7-3, 9-3, 9-11, 10-18
4480121.....	WASHER 6.4mm.....	1-5, 2-2, 2-4, 2-5, 3-9, 3-10, 4-10, 5-1, 5-2, 9-2, 12-2
4480146.....	WASHER.....	1-8, 2-16
4480146.....	WASHER 5.3mm.....	2-11, 2-13, 3-4, 3-8, 5-2
4480171.....	WASHER 5.3mm.....	2-14, 4-4, 4-5, 4-7
4480176.....	WASHER 5.3mm.....	2-12
4480231.....	SEAL.....	11-2
4480271.....	WASHER 6.4mm.....	3-2, 3-9, 4-10, 8-1

PART No.	PART NAME	FIGURE NO.
4480291	WASHER 10.5mm	2-13
4480326	LOCKWASHER 3.2mm	3-5
4480326	WASHER 3.2	4-6
4480326	WASHER 3.2mm	5-1, 5-5
4480391	WASHER 4.3mm	8-1, 10-18
4480406	WASHER 5.3mm	1-4, 3-5, 3-10
4480411	WASHER 6.4mm	1-2, 2-10
4480471	WASHER 5.3mm	12-3, 12-4
4480516	WASHER 2.7mm	3-3
4480556	WASHER 5.3mm	3-9, 3-10, 3-11
4485810	LOCK WASHER 3.2 mm	14-6
4497710	WASHER 4.3mm	5-4, 14-8
4498140	CIRCLIP 5mm	2-11
4499740	CIRCLIP 3.2mm	2-13, 2-14, 5-4
4499840	CIRCLIP 4.0mm	1-4, 2-3, 2-9, 5-2, 12-2
4500142	LOCKWASHER 4.3mm	3-6
4500146	LOCKWASHER 4.3mm	3-5, 4-9
4500182	LOCKWASHER 6.4mm	2-2
4500191	LOCKWASHER 5.3mm	2-17
4500211	CIRCLIP 10mm	3-8
4500221	CIRCLIP 7mm	2-13, 3-4
4500241	SPRING WASHER 7.0mm	3-6, 3-8
4500241	SPRING WASHER 7mm	3-8
4500421	LOCKWASHER 6.4mm	3-10
4500431	LOCKWASHER	9-4
4500441	LOCKWASHER 8.4mm	3-11
4500521	CIRCLIP 4mm	12-3, 12-4
4500541	CIRCLIP 7mm	4-2
4500581	C-RING	14-10
4515681	FUSE 50 Hz F9, F10 1.0A	7-2
4515681	FUSE F9, F10 1.0A	10-5, 14-16
4516521	FUSE 50 Hz F5, F7 0.1A	7-2
4516521	FUSE F5, F7 0.1A	10-5, 14-16
4518161	DIODE	11-1
4521301	FUSE 50 Hz F3 0.4A	7-2
4521301	FUSE F3 0.4A	10-5, 14-16
4521811	TRANSISTOR Q1	10-10
4521811	TRANSISTOR Q1...Q5	10-12
4521821	PHOTOCELL	5-5
4521821	SENSOR B11, B12, B13	10-9
4521821	SENSOR B17, B18, B19	10-12
4524181	RELAY K1	10-5, 10-6, 14-16, 14-17
4526031	FUSE 50 Hz F1, F2 0.315A	7-2

PART No.	PART NAME	FIGURE NO.
4526031	FUSE F1, F2 0.315A	10-5, 14-16
4526041	75468 U17...U20	10-1, 14-14
4526041	DRIVER 75468 U3, U4	10-5, 10-6, 14-16, 14-17
4526051	CAPACITOR C6 0.15 μ F	10-5, 10-6, 14-16, 14-17
4526091	CAPACITOR C1 C2 1 μ F	10-5, 10-6, 14-16, 14-17
4526101	CAPACITOR C3 2.2 μ F	10-5, 14-16
4526191	8255 A-2 U24, U25, U26, U30	10-1, 14-14
4526191	8255 A-2 U4	10-3, 14-15
4526351	RELAY K1	10-15
4526501	FUSEHOLDER	7-2
4526511	FUSE CAP 50Hz	7-2
4526521	VDR S10K275UL RV1, 3,5, 6, 7, 10, 11, 12, 13, 22	10-5, 10-6, 14-16, 14-17
4526611	FUSE CAP 60Hz ONLY	7-1, 7-2
4526641	LED RED U1, U2	10-16
4526651	LED YELLOW U3, U4	10-16
4526661	LED GREEN U5,U6	10-16
4526971	TERMINAL BLOCK	7-4
4527101	FUSE 50 Hz F4, F6 0.05A	7-2
4527101	FUSE F4, F6 0.05A	10-5, 14-16
4527111	FUSE 60 Hz F4, F6 0.062A	7-2
4527111	FUSE F4, F6 0.062A	10-6, 14-17
4527121	FUSE 60 Hz F5, F7 0.1A	7-2
4527121	FUSE F5, F7 0.1A	10-6, 14-17
4527131	FUSE 60 Hz F1, F2, F3 0.375A	7-2
4527131	FUSE F1, F2, F3 0.375A	10-6, 14-17
4527291	74LS05 U6, U10, U11	10-3, 14-15
4527511	FUSE 60 Hz F9, F10 1.0A	7-2
4527511	FUSE F9, F10 1.0A	10-6, 14-17
4527541	GROMMET	4-5
4527721	CAPACITOR C3 1.8 μ F	10-6, 14-17
4527741	CAPACITOR C7 0.4 μ F	10-5, 10-6, 14-16, 14-17
4527751	CAPACITOR C4 0.27 μ F	10-6, 14-17
4527781	CAPACITOR C4 0.25 μ F	10-5, 14-16
4528301	FUSE HOLDER 60Hz ONLY	7-1
4528401	FUSE 5A 60Hz ONLY	7-1
4529176	CONNECTOR	1-7
4529311	VDR S14K300UL RV14, 16, 18, 20	10-5, 10-6, 14-16, 14-17
4529321	VDR S10K385 RV8, 9	10-5, 10-6, 14-16, 14-17
4531976	SSR CX 3080D SSR 5, 6, 8...11, 22	10-5, 10-6, 14-16, 14-17
4533356	SWITCH S1, S2, S3	2-10
4533356	SWITCH S11, S12	3-5
4533356	SWITCH S13	2-14
4533356	SWITCH S14,S15	2-8

PART No.	PART NAME	FIGURE NO.
4533356.....	SWITCH S27	1-10
4533356.....	SWITCH S4, S5, S6.....	2-12
4533356.....	SWITCH S8.....	2-16
4533356.....	SWITCH S9, S10	2-15
4534431.....	SSR PD 2601 SSR1...SSR4, SSR7, SSR12...SSR21	10-5, 10-6, 14-16, 14-17
4534481.....	CAPACITOR C5 0.68 μ F	10-5, 10-6, 14-16, 14-17
4719331.....	PIN.....	14-9
4796371.....	PIN.....	14-7
4850311.....	NUT M6	2-5, 2-15, 5-2
4852011.....	NUT M3	2-5, 2-15, 3-5, 4-6, 5-1, 5-5, 12-1
4852901.....	NUT M10	2-13
4853031.....	NUT M5	3-10, 4-5, 9-4, 14-7
4853036.....	NUT M5	1-4, 2-11, 2-16, 2-17, 3-4, 3-8, 3-10, 4-7
4853111.....	NUT M3	1-7, 2-2, 8-1, 14-7
4853121.....	NUT M4	3-5, 9-3
4853126.....	NUT M4	2-13, 2-17, 3-2, 3-8, 3-9, 5-1
4853131.....	NUT M6	3-9
4853136.....	NUT M6	3-2, 3-9
4853146.....	NUT M8	2-2
4853231.....	NUT M4	3-12
4853236.....	NUT M4	4-5
4853241.....	NUT M3	14-9
4853256.....	NUT M4	3-6, 4-5, 14-9
4854131.....	NUT	4-9
5001514.....	SLIDING TAPE (1 BOX).....	2-3, 2-13
5001686.....	HOSE (SILICON)	6-6
8269750.....	SEAL	6-1
8326899.....	SCREW M3X6	14-10
8374927.....	OPTO COUPLER ILQ1 U1, U2	10-5, 10-6, 14-16, 14-17
8374927.....	OPTO COUPLER ILQ1 U3...U6, U9, U10...U15	10-1, 14-14
8374927.....	OPTO COUPLER ILQ1 U9, U12, U13	10-4
9151121.....	BATTERY 1.2V.....	10-1, 14-14
9151281.....	CLOCK CHIP U32	10-1, 14-14
9152236.....	CONNECTOR	1-7
9152241.....	CAP	1-7
9152271.....	CAP	1-7
9152341.....	SPEED NUT.....	1-1
9152806.....	BOLT	1-1
9165041.....	SPRING, FILM.....	13-1
9165165.....	REPAIR KIT SPRING, WINDOW	13-1
9165211.....	LABEL MEDIUM SCREEN	13-1
9165311.....	LABEL REGULAR SCREEN	13-1
9165411.....	LABEL FAST SCREEN	13-1

PART No.	PART NAME	FIGURE NO.
9166211	SPRING	13-2
9166221	FELT	13-2
9166244	SLIDE	13-2
9166261	BUTTON	13-2
9166271	SPRING	13-2
9166281	LATCH 1	13-2
9166294	LATCH 2	13-2
9166381	LABEL	13-2
9166451	FELT PAD KIT	13-2
9170871	Y-FITTING	11-2
9171891	STRAIN RELIEF	1-7
9171911	NUT	1-7
9180176	INTERLOCK SWITCH S21	2-2
9180176	INTERLOCK SWITCH S22	1-4
9180176	INTERLOCK SWITCH S23	1-10, 7-1
9180316	LATCH	1-5
9180341	BEARING	2-11
9180381	CASTER	1-10, 4-8
9180511	BOLT	1-4
9180526	ROLLER	1-4
9180646	PCB A6 MAGAZINE SIZE SENSOR	5-5, 10-8
9180686	NOISE FILTER	7-1
9180751	PHOTOCELL B27	5-5
9180757	SENSOR B7 / B8 with MOUNTING CLIPS (2)	14-13
9180811	ROLLER	5-2
9180871	OPENER	5-4
9180886	SPRING	5-4
9180906	SOLENOID	5-4
9180926	GUIDE RAIL JOINT	5-1
9180936	GUIDE RAIL JOINT	5-2
9180966	MOTOR M6 MAGAZINE OPENING 50Hz	5-1, 9-10
9181011	SPRING	5-3
9181036	ACTUATOR BRACKET	2-14
9181071	SWING BEARING	2-4, 2-5
9181106	PHOTOCELL ASSY B6	2-13, 2-14
9181131	THREAD PLATE	2-10, 2-12, 2-15, 2-16
9181166	BEARING UP TO SN 1605 (50Hz)	2-3
9181166	BEARING UP TO SN 5407 (60Hz)	2-3
9181186	SHAFT	2-5, 2-6
9181201	SPRING	2-14
9181216	BELT	2-5
9181246	CLUTCH ASSY	2-6
9181271	SPRING	2-6

PART No.	PART NAME	FIGURE NO.
9181296.....	MOTOR M1 CASSETTE TRANSPORT 50Hz	9-1
9181481.....	SPRING	2-6
9181526.....	MOTOR M2 CASSETTE CENTERING50Hz	9-1
9181586.....	CLUTCH DISK WITH SCREW	2-16
9181596.....	BRAKE	2-16
9181621.....	SPRING	2-16
9181766.....	GUIDE BRACKET LH.....	2-8
9181786.....	BRACKET LH	2-8
9181826.....	ACTUATOR GUIDE PLATE LH (not shown)	2-9
9181866.....	ACTUATOR for CENTRING SWITCH LH.....	2-9
9181886.....	PHOTOCELL ASSY B1.....	2-15
9181886.....	PHOTOCELL B20, B21	5-1
9181891.....	SPRING	2-8
9181951.....	BOLT	1-7
9181976.....	BEARING for CENTRING BAR	2-7
9181996.....	CODE STRIP	2-15
9182006.....	BLOW PIPE MOUNT ASSY LH.....	2-8
9182016.....	BRACKET/SPRING ASSY	4-1
9182046.....	BLOW PIPE	2-9
9182111.....	SPRING	2-7
9182131.....	COUPLING WITH SEAL AND MOUNTING SCREW	2-9, 3-4
9182156.....	MIRROR	2-7, 2-8, 4-1
9182176.....	LONG BRACKET LH	2-7
9182186.....	SHORT BRACKET LH	2-7
9182216.....	PHOTO SENSOR ASSY B30	5-6
9182216.....	PHOTOCELL ASSY B10	4-3
9182216.....	PHOTOCELL B2, B3, B4, B5	2-7
9182216.....	PHOTOCELL B6	14-6
9182246.....	GUIDE BRACKET RH	2-8
9182256.....	BRACKET RH	2-8
9182266.....	ACTUATOR GUIDE PLATE RH (not shown).....	2-9
9182286.....	ACTUATOR for CENTRING SWITCH RH	2-9
9182326.....	BLOW PIPE MOUNT ASSY RH.....	2-8
9182386.....	LONG BRACKET RH	2-7
9182396.....	SHORT BRACKET RH	2-7
9182402.....	HUMIDIFIER COVER PLATE	1-2
9182561.....	ACTUATOR.....	1-10, 2-10, 2-12, 2-16, 3-5
9182576.....	DOOR ASSY.....	2-9, 2-13
9182683.....	BOLT	2-14
9182696.....	SENSOR BRACKET	2-13
9182701.....	SPRING	2-14
9182856.....	BEARING.....	1-2
9182866.....	SHAFT MOUNT LH	2-1

PART No.	PART NAME	FIGURE NO.
9182891	ROLLER	2-11
9182901	BEARING	2-2
9182926	ROLLER	1-2
9182936	SHAFT MOUNT LH	2-1
9182996	SHAFT	2-2
9183026	SENSOR WIRE 1 ASSY	2-10
9183056	SENSOR WIRE 2 ASSY	2-10
9183076	SENSOR WIRE 3 ASSY	2-10
9183093	SHAFT WITH PLATE	2-2, 2-17
9183126	CAM	2-1
9183131	ROLLER	2-3, 2-9
9183141	BOLT	2-3, 2-9
9183151	SPRING	2-3
9183186	DOOR OPENER LH	2-1
9183191	SPRING	2-11
9183236	DOOR OPENER RH	2-1
9183291	SPRING	2-2
9183313	CAM ASSY	2-12
9183346	CLUTCH	2-17, 9-4
9183353	CAM ASSY	2-12
9183361	SHOCK MOUNT	2-17, 9-4
9183376	MOTOR M3 CASSETTE OPENING 50Hz	2-17, 9-1, 9-4
9183401	LID HOOK SHAFT	2-13
9183436	LID HOOK	2-13
9183476	SENSOR MOUNT	2-2
9183486	INDUCTIVE SENSOR B28, B29	2-2, 2-10
9183491	GUIDE SHOE	2-2
9183511	COUPLING	3-1, 6-5
9183526	PLUG	3-1, 6-5
9183600	PCB A8 INTERFACE (A)	2-17, 10-10
9183620	PCB A9 INTERFACE (B)	10-11
9183696	COUPLING	6-6
9183701	SPRING	4-7
9183761	DETENT	4-4
9183791	LUBRICATOR	4-7
9183806	FILM POCKET ASSY WITH SHAFT	4-7
9183826	GUIDE	4-3
9183831	BEARING	4-7
9183841	BEARING	3-6, 3-8, 4-7
9183866	SHAFT	4-1
9183886	BRACKET	4-4
9183916	HOLDER ASSY	4-4
9183946	TIMING DISK	4-4

PART No.	PART NAME	FIGURE NO.
9183956.....	TIMING DISK.....	4-4
9183966.....	MOTOR M7 MAG. FILM PICK UP 50Hz.....	4-6, 9-1, 9-9
9183976.....	CLUTCH.....	4-7
9184076.....	GUIDE SHOE.....	4-8
9184116.....	MOTOR M8 STEPPER MOTOR.....	9-1
9184136.....	SPROCKET WHEEL.....	4-9
9184171.....	CHAIN LINK.....	4-7
9184186.....	CHAIN.....	4-7, 4-9
9184270.....	PCB A7 FILM POCKET.....	4-4, 10-9
9184391.....	RUBBER RING.....	4-3
9184406.....	PHOTOCELL ASSY B14.....	4-3
9184436.....	FILM REJECTER ASSY.....	4-3
9184446.....	FILM GUARD.....	4-1
9184506.....	SUCKERBAR ASSEMBLY COMPLETE.....	4-2
9184541.....	CONNECTION ROD.....	4-5
9184671.....	L-COUPLING.....	3-1, 6-5
9184686.....	SUCKERBAR.....	4-2
9184751.....	SEAL RING.....	3-4
9184847.....	SUCKER.....	4-2
9184886.....	PCB A11 FILM SENSOR.....	4-2, 10-13
9184891.....	SHAFT.....	4-2
9184916.....	SENSOR BRACKET.....	4-2
9184936.....	SPRING.....	4-2
9185041.....	HOSE.....	4-2
9185056.....	PNEUMATIC CYLINDER.....	4-1
9185076.....	SPRING.....	4-3
9185121.....	LINE FILTER.....	7-4
9185256.....	MOTOR M5 FILM TRANSPORT 50Hz.....	3-1, 3-5, 3-7, 6-5, 9-5, 9-6, 9-7
9185266.....	PULLEY.....	3-6
9185271.....	MOUNTING BOLT.....	3-5
9185296.....	MOTOR M4 CASSETTE UNLOADING 50Hz.....	3-1, 3-8, 6-5, 9-5, 9-8
9185316.....	BRACKET.....	3-10
9185326.....	CLUTCH ASSY.....	3-10
9185336.....	DEFLECTOR RH (DEFLECTOR + PLUSH TAPE).....	3-4
9185371.....	BEARING.....	3-4, 3-6, 3-8
9185421.....	GEAR.....	3-6
9185426.....	GEAR.....	3-8
9185446.....	SHAFT.....	3-4
9185456.....	SOFT ROLLER.....	3-2, 3-4
9185476.....	GEAR.....	3-6, 3-8
9185496.....	PULLEY.....	3-6, 3-8
9185526.....	DEFLECTOR LH (DEFLECTOR + PLUSH TAPE).....	3-2
9185531.....	SHAFT.....	3-2

PART No.	PART NAME	FIGURE NO.
9185561	BALL BEARING	2-11, 3-2, 3-9, 14-9
9185611	SHAFT	3-4
9185636	TIMING BELT	3-5, 3-6
9185646	TIMING BELT	3-9
9185656	NIPPLE WITH SEAL 4mm	6-3
9185666	SUCKERBAR ASSY (items 5, 6, 7, 8, 9, 10, 12)	3-4
9185676	SUCKER	3-4
9185696	NIPPLE WITH SEAL 3mm	6-3
9185736	HOSE 2X4	3-1, 6-5
9185771	SHAFT	3-4
9185786	GUIDE PLATE	3-2, 3-12
9185816	SHAFT ASSY	3-10
9185831	BEARING	3-8, 3-10
9185846	GEAR	3-5, 3-6
9185866	PULLEY	3-6
9185886	SHAFT ASSY	3-10
9185921	REGULATOR	3-1, 6-5
9185946	PULLEY	3-5
9185966	STUD	3-5
9185976	PULLEY	3-8
9185986	SOLENOID VALVE	6-5
9185986	SOLENOID VALVE SV1	3-7
9185986	SOLENOID VALVE SV2	3-7
9185986	SOLENOID VALVE SV3 .. SV6	6-3
9186006	PCB A10 FILM POCKET POSITION	10-12
9186106	CENTRING BOLT	1-8
9186156	DOOR SOLENOID ASSY	1-6
9186186	LATCH	1-4, 8-1
9186271	SPACER	2-11
9186341	FELT	6-4
9186366	SPRING	2-2
9186386	MAIN SWITCH	7-3
9186456	TRANSFORMER	7-3
9186461	FAN 50/60 Hz	9-11
9186471	CAPACITOR 50Hz	9-2
9186486	COMPRESSOR ASSY 50Hz	6-6, 9-1, 9-2
9186536	MUFFLER	9-2
9186550	REPAIR KIT, WATER TRAP	6-1
9186556	WATER TRAP	6-1
9186561	T-COUPLING	6-1
9186601	NIPPLE	6-1
9186616	CONNECTOR	6-1, 6-6
9186636	SOLENOID VALVE SV7	6-1

PART No.	PART NAME	FIGURE NO.
9186646.....	CHECK VALVE.....	6-1
9186656.....	MUFFLER.....	6-1
9186676.....	MANOMETRIC SWITCH S28.....	6-1
9186706.....	AIR BOTTLE ASSY.....	6-4
9186726.....	COUPLING WITH SEAL.....	6-4
9186756.....	TERMINAL BOARD ASSY.....	9-2
9186766.....	CONDENSATE DRAIN.....	6-4
9186786.....	PRESSURE GAUGE.....	6-4
9186801.....	COUPLING.....	6-4
9186811.....	COUPLING.....	6-4
9186821.....	SCREW.....	6-4
9186831.....	SPEED NUT.....	9-11
9186866.....	SEAL.....	6-1, 6-4
9186886.....	FILTER.....	6-3
9186901.....	HOSE COUPLING.....	3-1, 6-5
9186916.....	REGULATOR.....	6-3
9186931.....	T-COUPLING.....	6-2
9186961.....	COUPLING.....	6-1
9186991.....	HOSE COUPLING.....	6-2
9187016.....	VACUUM PUMP 50Hz.....	6-6, 9-1
9187071.....	Y-COUPLING.....	3-1, 6-5
9187101.....	T-COUPLING.....	3-1, 6-5
9187166.....	PCB A4 POWER ELECTRONIC 50 Hz.....	10-5
9187186.....	PCB A4 POWER ELECTRONIC 60 Hz.....	10-6
9187221.....	COUPLING.....	6-3, 11-2
9187246.....	AIR FILTER.....	6-6
9187306.....	PCB A5 MAGAZINE SIZE DECODER.....	5-5, 10-7
9187311.....	FOAM SHOCK ABSORBER.....	9-2
9187370.....	PCB A14 LIGHT BAR.....	10-16, 10-18
9187396.....	DISPLAY.....	10-18
9187406.....	REAR COVER LARGE.....	1-2
9187446.....	REAR COVER SMALL.....	1-2
9187496.....	TOP COVER.....	1-1
9187546.....	LATCH.....	1-1
9187626.....	HOLDER.....	5-6
9187726.....	RIGHT COVER.....	1-2
9187776.....	FRONT COVER.....	1-2
9187856.....	AIR FILTER.....	9-3
9187896.....	LEFT COVER.....	1-1
9187903.....	FAN 50/60 Hz.....	9-3
9188106.....	SPRING.....	3-3
9188166.....	ENGAGING DOG.....	12-3, 12-4
9188381.....	HOSE.....	11-2

PART No.	PART NAME	FIGURE NO.
9188406.....	ROLLER ASSY LEFT	12-2
9188446.....	PULLEY	12-3
9188456.....	PULLEY	12-3, 12-4
9188461.....	BEARING	12-3, 12-4
9188476.....	FELT ROLLER.....	12-3, 12-4
9188568.....	BELT	12-4
9188576.....	BELT	12-3
9188596.....	ADAPTER M6	12-5
9188606.....	PHOTOCELL B7	12-1
9188606.....	PHOTOCELL B8	12-1
9188876.....	DRAWER	1-1
9188906.....	PCB A2 SLAVE PROCESSOR.....	8-2, 10-3, 14-15
9188966.....	PAPER ROLL	8-1
9188970.....	PCB A1 DISTRIBUTION.....	10-2
9189076.....	PCB A0 MASTER PROCESSOR	8-1, 10-1, 14-14
9189306.....	PRINTER ASSY	8-1
9189340.....	PCB A13 PRINTER INTERFACE.....	8-2, 10-15
9189516.....	BASE.....	13-3
9189527.....	SPRING	13-3
9189532.....	CODE BRACKET	13-3
9189546.....	REFLECTIVE FOIL	13-3
9189561.....	HANDLE	13-3
9189573.....	TOP	13-3
9189586.....	COVER	13-3
9189611.....	FILM STOP REAR.....	13-3
9189626.....	FILM STOP LH.....	13-3
9189631.....	FILM STOP RH	13-3
9189656.....	REFLECTIVE FOIL	13-3
9189666.....	HOOD.....	1-1
9189736.....	NAME PLATE	1-1
9189741.....	LABEL	1-1
9189766.....	SAFETY HOOK	1-8
9189776.....	SPRING	1-8
9189856.....	KEYPAD ASSY.....	8-1
9189907.....	INFILL PANEL right.....	1-3
9189947.....	INFILL PANEL left	1-3
9189996.....	LABEL SET, FILM SIZE	13-3
9190116.....	RIBBON CABLE ASSY	10-18
9190126.....	RIBBON CABLE	8-1
9190136.....	RIBBON CABLE	5-5
9190246.....	SAIA HOUSING 4 104 5109 0	15-4
9190306.....	RIBBON CABLE	4-4
9190606.....	LINE CORD (50Hz)	1-7

PART No.	PART NAME	FIGURE NO.
9190676.....	LINE CORD (60Hz)	1-7
9190916.....	PHOTOCELL ASSY B15	4-6
9191036.....	CABLE	11-2
9191082.....	CABLE	10-17, 11-4
9191406.....	FAN WHEEL	6-6, 9-1, 9-2
9191466.....	PCB A3 POWER AMPLIFIER	8-2, 10-4
9191501.....	SHAFT	3-12
9191556.....	PLATE	3-12
9191561.....	GUIDE PLATE	3-12
9191576.....	LABEL	1-7
9191596.....	GUIDE BRACKET	3-4
9191616.....	SAFETY VALVE	6-1
9191666.....	GUIDE PLATE	3-11
9191676.....	LANGUAGE EPROM U.S. U35 (ENGL., FR., SPAN., GERMAN)	10-1
9191680.....	PCB A12 OPERATOR CONTROL	10-14, 10-18
9191766.....	SOFTWARE VERSION 3.2, U3.....	10-3
9191776.....	LANGUAGE EPROM EUROPE U35 (ENGL., GER., ITAL., FR.)	10-1
9191781.....	CAPACITOR 60Hz	9-2
9191796.....	LANGUAGE EPROM B U35 (ENGLISH, DUTCH, SPANISH)	10-1
9191806.....	LANGUAGE EPROM A U35 (SWED., NORW., FINN., DAN.)	10-1
9191816.....	COMPRESSOR ASSY 60Hz	6-6, 9-1, 9-2
9191826.....	VACUUM PUMP 60Hz	6-6, 9-1
9191836.....	MOTOR M6 MAGAZINE OPENING 60Hz	5-1, 9-10
9191846.....	MOTOR M1 CASSETTE TRANSPORT 60Hz	9-1
9191856.....	MOTOR M2 CASSETTE CENTERING 60Hz	9-1
9191866.....	MOTOR M3 CASSETTE OPENING 60Hz	2-17, 9-1, 9-4
9191876.....	MOTOR M7 MAG. FILM PICK UP 60Hz	4-6, 9-1, 9-9
9191886.....	MOTOR M5 FILM TRANSPORT 60Hz	3-1, 3-5, 3-7, 6-5, 9-5, 9-6, 9-7
9191896.....	MOTOR M4 CASSETTE UNLOADING 60Hz	3-1, 3-8, 6-5, 9-5, 9-8
9191906.....	POWER SUPPLY	7-1
9192081.....	REPAIR KIT, CABLE	2-8
9192336.....	FILM HOLDER ASSY LH	4-1
9192346.....	FILM HOLDER ASSY RH	4-1
9192356.....	SHAFT ASSY RH	3-4
9192366.....	SHAFT ASSY LH	3-2, 3-3
9192521.....	FILM GUIDE RIGHT	14-13
9192531.....	FILM GUIDE LEFT	14-13
9192916.....	BRACKET ASSY	2-13
9192916.....	HOLDER	2-10
9192921.....	SLIDING BLOCK	3-4
9192922.....	SLIDING BLOCK	14-6
9192981.....	SPRING	3-3
9193326.....	DRIVE ARM	2-1
9193466.....	ROLLER	2-2

PART No.	PART NAME	FIGURE NO.
9193576.....	ROLLER ASSY RIGHT	12-2
9193621.....	HOSE 4X8 (SILICONE)	3-1, 6-2, 6-5
9193651.....	FOAM RUBBER 9X3	1-9
9193661.....	FOAM RUBBER 12X12.....	1-9
9193716.....	SOFTWARE VERSION 4.1 U33.....	10-1
9193726.....	SOFTWARE VERSION 4.1 U34.....	10-1
9194071.....	SPRING	2-3
9194086.....	GUIDE PLATE	3-10, 3-11, 3-12
9194556.....	REFLECTIVE FOIL 8 X 15 mm.....	13-1, 13-2
9194561.....	REFLECTIVE STICKER.....	14-6
9194601.....	SPRING	2-14
9194656.....	CAM.....	3-5
9194775.....	REPAIR KIT, HUMID. (seal ring, plate, cement)	11-2
9194913.....	ROLLER.....	2-13
9196016.....	SOLENOID MOUNTING BRACKET.....	5-4
9196356.....	REPAIR KIT, VACUUM PUMP	9-1
9196491.....	COUPLING	6-1
9196501.....	REPAIR KIT, COMPRESSOR GASKET	9-2
9196516.....	SOFT ROLLER.....	3-4
9196526.....	REPAIR KIT, COMPRESSOR HEAD	9-2
9197406.....	REAR COVER LARGE.....	1-2
9197446.....	REAR COVER SMALL	1-2
9197496.....	TOP COVER.....	1-1
9197726.....	RIGHT COVER.....	1-2
9197776.....	FRONT COVER.....	1-2
9197896.....	LEFT COVER	1-1
9197911.....	PLATE.....	2-13
9198006.....	HUMIDIFIER COMPLETE.....	11-1
9198026.....	SIDE FITTING	11-2
9198031.....	T-FITTING	11-3
9198156.....	HOUSING	11-1
9198166.....	SHOVEL	2-13
9198211.....	WARNING LABEL, BIO-GROWTH.....	11-2
9198236.....	FAN	11-1
9198246.....	FILTER.....	11-1
9198266.....	FILTER CARTRIDGE	11-1
9198296.....	SHUT OFF VALVE	11-3
9198351.....	CLAMP.....	11-3
9198361.....	FITTING	11-3
9198371.....	HOSE	11-3
9198391.....	FITTING	11-3
9198400.....	HOSE	11-2
9198426.....	SENSOR HUMIDIFIER.....	11-5

PART No.	PART NAME	FIGURE NO.
9198441	FITTING	11-2
9198456	LARGE FITTING	11-2
9198461	SEAL	11-2
9198476	PCB A16 HUMIDIFIER COMPLETE WITH HOUSING	10-17, 11-4
9198656	SENSOR WATER LEVEL	11-1
9198676	SMALL FITTING	11-2
9198681	NUT	11-2
9198701	HOSE	11-2
9198876	DRAWER	1-1
9198941	HOLDER	2-12
9198961	CAP	1-1
9198981	WASHER	1-1
9199016	BLOWPIPE	4-1
9199041	EXTENSION	4-1
9199051	BLOWPIPE MOUNT	4-1
9199131	SEAL	11-2
9199186	RIBBON CABLE ASSY	4-1
9199261	FILTER	11-3
9199286	MAGNETIC VALVE	11-1
9199666	HOOD	1-1
9199706	KEYBOARD ASSY	1-1
9212391	WHITE SLOTTED BEARING	14-8
9212941	O-RING	4-3
9213071	BEARING	3-11
9214271	SPRING	14-10
9214471	SPRING	14-10
9214981	ADJUSTMENT SCREW	14-10
9215793	CLUTCH DISK 2	4-5
9215803	CLUTCH DISK 1	4-5
9219831	SPRING	4-5
9219841	SPRING HOOK 1	4-5
9219851	SPRING HOOK 2	4-5
9220020	INSULATING TUBE	2-9
9220150	HOSE 4X6	6-2, 6-3, 6-4
9220160	HOSE 6X8	3-1, 6-1, 6-4, 6-5
9220170	HOSE 3X4	2-9, 3-4, 6-3
9222050	WHITE SLOTTED BEARING	14-6
9225780	SPRING, CLUTCH	4-5
9226180	FELT RING	6-1
9229756	COUNTER	1-10, 6-1
9229880	SPRING	4-4
9280106	HOOD	14-1
9280116	FRONT DOOR	14-1

PART No.	PART NAME	FIGURE NO.
9280126.....	CORNER, LEFT	14-1
9280136.....	CORNER, RIGHT.....	14-1
9280146.....	PANEL, DRAWER.....	14-1
9280156.....	PANEL, LEFT	14-1
9280166.....	PANEL, RIGHT.....	14-1
9280176.....	TOP COVER	14-1
9280186.....	FUSE COVER.....	14-1, 14-3
9280196.....	CLIP	14-1
9280206.....	QUARTER TURN SCREW	14-1
9280216.....	BEARING, TOP / BOTTOM	14-1
9280233.....	DOOR INTERLOCK ASSEMBLY.....	14-2
9280253.....	DOOR SOLENOID ASSEMBLY.....	14-4
9280336.....	BEARING.....	14-1
9280356.....	SUCKERBAR BRACKET	14-6
9280466.....	DOOR INTERLOCK GUIDE	14-3
9281046.....	RESISTOR 27 Ohm 7W	14-12
9281336.....	SOFTWARE VERSION 5.0 U33.....	14-14
9281346.....	SOFTWARE VERSION 5.0 U34.....	14-14
9281356.....	LANGUAGE EPROM U35 (all languages).....	14-14
9281366.....	SOFTWARE VERSION 5.0, U3.....	14-15
9281541.....	BOLT	14-7
9281581.....	BRAKE BELT.....	14-7
9281621.....	SPRING	14-7
9281771.....	PLATE	14-7
9281906.....	POWER SUPPLY.....	14-2
9282501.....	SPACER	14-8
9283620.....	PCB A9 Plus.....	14-18
9284016.....	CABLE, DOUBLE FILM SENSOR TO PCB A7 Plus	14-10
9284026.....	SENSOR B14 DFS	14-10
9284270.....	PCB A7 Plus.....	14-10
9284506.....	FILM POCKET ARM ASSEMBLY.....	14-10
9285666.....	WATER TRAP	14-2
9286480.....	REPAIR KIT COMPRESSOR PLUS	14-5
9286486.....	COMPRESSOR 50/60 Hz.....	14-5
9287160.....	PCB A4 Plus POWER ELECTRONIC 50 Hz	14-16
9287180.....	PCB A4 Plus POWER ELECTRONIC 60 Hz	14-17
9287396.....	DISPLAY.....	14-1
9287406.....	PANEL; REAR small	14-1
9287446.....	PANEL, REAR large.....	14-1
9288006.....	HUMIDIFIER ASSEMBLY COMPLETE	14-12
9288426.....	HUMIDITY SENSOR.....	14-11
G9901918.....	SERVICE KEY	1-10, 7-1

PART No.	PART NAME	FIGURE NO.
G9904131	AMP PIN AWG 16-18 1-163082-0	15-1
G9904132	AMP SOCKET AWG 16-18 1-163084-0.....	15-1
G9904133	AMP PIN AWG 20-24 1-163086-0	15-1
G9904134	AMP SOCKET AWG 20-24 1-163088-0.....	15-1
G9904135	AMP PIN AWG 24-26 1-163090-0	15-1
G9904136	AMP SOCKET AWG 24-26 1-163092-0.....	15-1
G9904138	AMP PLUG 14 PIN 182649-1	15-1
G9904139	AMP RECEPTACLE 14 PIN 182641-1.....	15-1
G9904141	AMP PLUG 4 PIN 207015-1	15-1
G9904141	AMP RECEPTACLE 4 PIN 207016-1	15-1
G9904142	AMP PLUG 6 PIN 207152-1	15-1
G9904143	AMP RECEPTACLE 6 PIN 207153-1	15-1
G9904144	AMP RECEPTACL 3 PIN 207359.....	15-1
G9904145	AMP PLUG 3 PIN 207360.....	15-1
G9904146	AMP PLUG 9 PIN207439-1	15-1
G9904147	MOLEX PIN AWG 22-28 5241 08-70-0103.....	15-2
G9904148	MOLEX SPOX CRIMP AWG 18-24 08-70-1030.....	15-3
G9904149	MOLEX HOUSING 3 PIN 6442 26-03-4030.....	15-3
G9904150	MOLEX HOUSING 4 PIN 6442 26-03-4041	15-3
G9904151	MOLEX HOUSING 5 PIN 6442 26-03-4050.....	15-3
G9904152	MOLEX HOUSING 6 PIN 6442 26-03-4061	15-3
G9904153	MOLEX HOUSING 12 PIN 6442 26-03-4121	15-3
G9904154	MOLEX HOUSING 2 PIN 2695 21-01-3027.....	15-2
G9904155	MOLEX HOUSING 4 PIN 2695 22-01-3047.....	15-2
G9904156	MOLEX CRIMP TERMINAL 2759 08-55-01021.....	15-2
G9904157	MOLEX HOUSING 2 PIN 5102 22-01-1024.....	15-2
G9904158	MOLEX HOUSING 4 PIN 5102 22-01-1044.....	15-2
G9904159	MOLEX CRIMP TERMINAL 5103 08-70-0057.....	15-2
G9904160	MOLEX CRIMP TERM. HOUS. 5195 09-50-1031.....	15-3
G9904161	MOLEX CRIMP TERM. HOUS. 5195 09-50-1041.....	15-3
G9904162	MOLEX CRIMP TERM. HOUS. 5195 09-50-1051.....	15-3
G9904163	MOLEX CRIMP TERM. HOUS. 5195 09-50-1061.....	15-3
G9904164	MOLEX CRIMP TERM. HOUS. 5195 09-50-1121.....	15-3
G9904165	MOLEX PLUG HOUSING 5240 29-11-0042	15-2
G9904166	MOLEX CRIMP TERMINAL AWG 18-24 6838 08-58-0111.....	15-3

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